

Converting Colors

XYZ(75.7192, 90.5035, 86.8106)

Have a look what the booklet for
XYZ(75.7192, 90.5035, 86.8106)
contains.

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Color

**XYZ(75.7760, 90.5313,
86.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFE4
RGB	208, 255, 228
RGB Percent	82%, 100%, 89%
CMY	0.1843, 0.0000, 0.1059
CMYK	0.18, 0.00, 0.11, 0.00
HSL	146°, 100%, 91%
HSV	146°, 18%, 100%
XYZ	75.7760, 90.5313, 86.8793
YIQ	237.8690, -19.3450, -18.3610

Conversions

Conversions Part 2

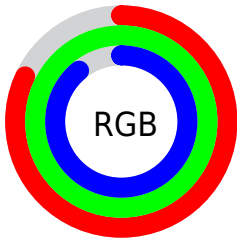
Format	Color
R_{YB}	208, 241, 255
Decimal	13696996
CIE _{Lab}	96.22, -20.07, 7.98
CIE _{LCh}	96, 21.593, 158.326
Yxy	90.5313, 0.2993, 0.3576
Android (android.graphics.Color)	4291887076 (0xFFD0FFE4)
YUV	237.8690, -4.8654, -26.1951
Hunter-Lab	95.1479, -24.3511, 12.4660

Details

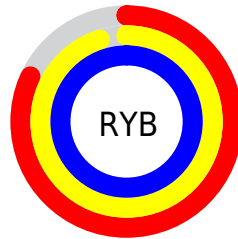
The XYZ color **75.7760, 90.5313, 86.8793** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.7917, 72.3708, 88.4133**, and the grayscale version is **81.2135, 85.4429, 93.0473**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8738, 50.1776, 47.0661** is the 20% darker color. If you saturate the color by 10%, you get **67.2253, 86.3484, 76.3101**, and if you desaturate by 10%, it is **85.6533, 95.3782, 98.4129**.

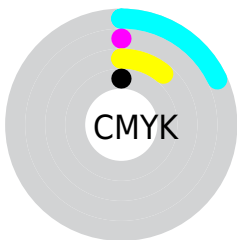
Distribution



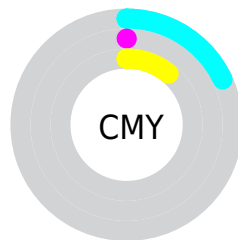
- Red (82%)
- Green (100%)
- Blue (89%)



- Red (82%)
- Yellow (95%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7760, 90.5313, 86.8793 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.7760, 90.5313, 86.8793 by changing the saturation by 10% instead.


 75.7760, 90.5313,
86.8793

 75.7760, 90.5313,
86.8793


469.5367,
529.7576, 538.1321

 56.5453, 68.4214,
64.8363


126.3923,
148.0762, 144.8933

 40.8790, 50.2406,
46.8778


158.5085,
184.2799, 181.7013

 28.4118, 35.6046,
32.5854


195.6506,
225.9504, 224.2681

 18.7783, 24.1290,
21.5405

238.1840,
273.4720, 273.0121

 11.6133, 15.4293,
13.3246

286.4739,
327.2291, 328.3520

 6.5512, 9.1213,
7.5191

340.8858,

 3.2269, 4.8204,

387.6062, 390.7063

3.7055

401.7849,
454.9876, 460.4935

■ 1.2749, 2.1422,
1.4652

■ 0.1643, 0.6882,
0.1918

■ 75.7760, 90.5313,
86.8793

■ 75.7760, 90.5313,
86.8793

■ 67.2253, 86.3484,
76.3101

■ 85.6533, 95.3782,
98.4129

■ 59.9396, 82.7981,
66.6760

95.0500, 100.0000,
108.9000

■ 53.8557, 79.8485,
57.9524

■ 48.9039, 77.4642,
50.1120

■ 45.0070, 75.6059,
43.1260

■ 42.0775, 74.2290,
36.9640

■ 40.0123, 73.2811,
31.5933

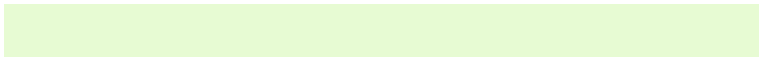
■ 38.6691, 72.6894,
26.9778

■ 38.4943, 72.6137,
26.3187

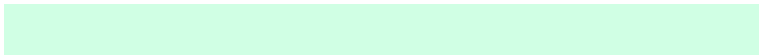
Harmonies

Analogous

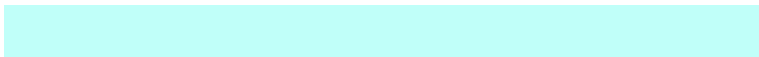
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0968, 90.5313, 74.8821



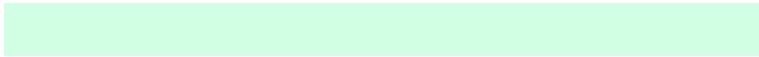
75.7760, 90.5313, 86.8793



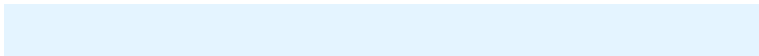
75.1408, 90.5313, 103.4300

Triad

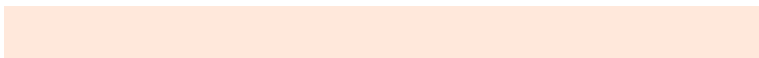
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7760, 90.5313, 86.8793



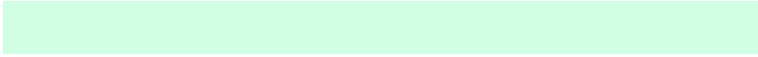
87.7268, 90.5313, 134.9689



95.4083, 90.5313, 79.4899

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.7760, 90.5313, 86.8793



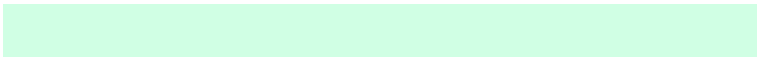
78.7917, 72.3708, 88.4133

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.9611, 90.5313, 93.8709



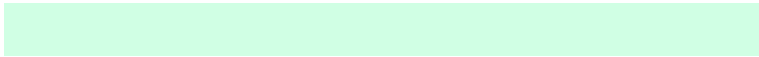
75.7760, 90.5313, 86.8793



93.3935, 90.5313, 126.7982

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7760, 90.5313, 86.8793



81.8609, 90.5313, 132.5353



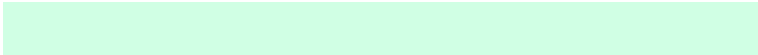
97.2072, 90.5313, 111.2720



90.3740, 90.5313, 70.9733

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



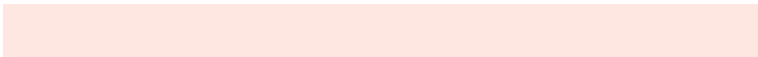
75.7760, 90.5313, 86.8793



76.2964, 90.5313, 115.0773



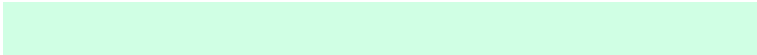
97.2072, 90.5313, 111.2720



96.5955, 90.5313, 83.7277

Sweetspot

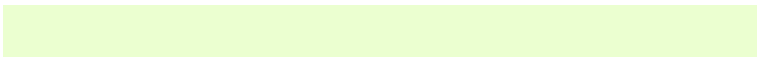
The Sweet Spot groups the original color and five complimentary colors.



75.7768, 90.5317, 86.8807



88.2604, 96.6596, 101.3640



81.5443, 93.8075, 73.4845



18.7397, 20.6146, 21.5251



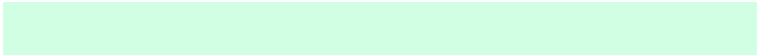
0.0000, 0.0000, 0.0000



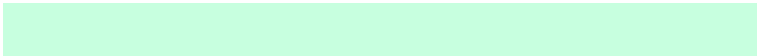
20.3446, 21.4041, 23.3091

Same Dimension

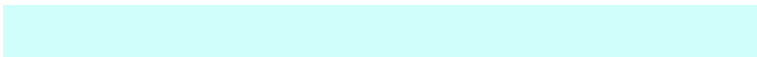
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7768, 90.5317, 86.8807



72.5754, 88.9639, 82.9986



79.1987, 91.9005, 104.9002



18.0924, 20.2965, 20.7893



20.1851, 37.9706, 14.1260



2.0187, 3.7184, 1.6561

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.7917, 72.3708, 88.4133



76.0821, 67.8375, 84.7790



75.6697, 71.1220, 71.9731



18.4468, 18.1620, 20.9698



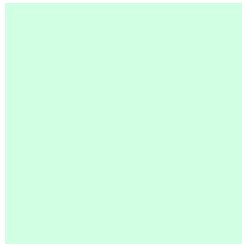
24.3558, 12.2316, 15.7901



2.4261, 1.2128, 1.8255

Previews

White Background



This preview shows how the XYZ color 75.7760, 90.5313, 86.8793 looks on a white background.

Color Contrast Check

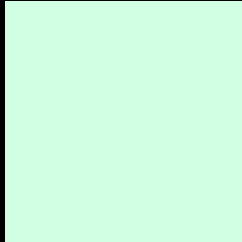
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.7760, 90.5313, 86.8793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

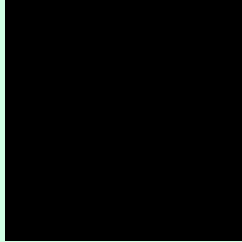
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

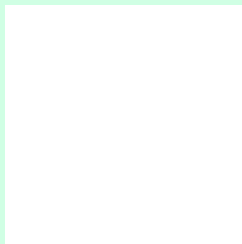
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7760, 90.5313, 86.8793

Background



This preview shows how black text looks on a background with the XYZ color 75.7760, 90.5313, 86.8793.



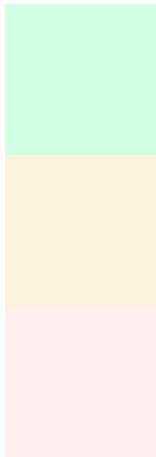
This preview shows how white text looks on a background with the XYZ color 75.7760, 90.5313,

86.8793.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.7760, 90.5313, 86.8793

Protanopia

85.6097, 90.2043, 81.3057

Deuteranopia

87.9801, 89.8122, 94.3598



Tritanopia

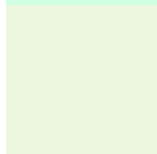
84.2845, 90.2873, 107.5927

Trichromacy



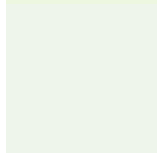
Original Color

75.7760, 90.5313, 86.8793



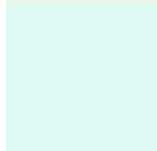
Protanomaly

81.6404, 89.9079, 83.5721



Deuteranomaly

82.9077, 89.4801, 91.4989



Tritanomaly

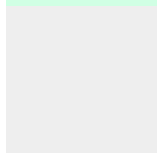
80.7885, 90.0319, 99.5061

Monochromacy



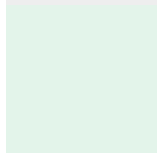
Original Color

75.7760, 90.5313, 86.8793



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.8805, 86.9728, 90.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7760, 90.5313, 86.8793 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.7760, 90.5313, 86.8793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

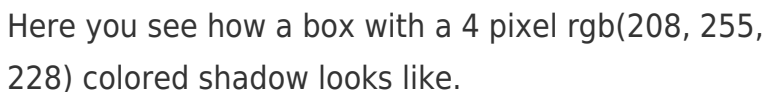
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 255, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 255, 228) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(208, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 255, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 255, 228); box-shadow:4px 4px 4px 4px rgb(208, 255, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7760, 90.5313, 86.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
255, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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