

Converting Colors

XYZ(75.7803, 90.8348, 73.2700)

Have a look what the booklet for
XYZ(75.7803, 90.8348, 73.2700)
contains.

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Color

**XYZ(75.7604, 90.8258,
73.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFD0
RGB	217, 255, 208
RGB Percent	85%, 100%, 82%
CMY	0.1490, 0.0000, 0.1843
CMYK	0.15, 0.00, 0.18, 0.00
HSL	109°, 100%, 91%
HSV	109°, 18%, 100%
XYZ	75.7604, 90.8258, 73.2126
YIQ	238.2800, -7.5610, -22.6730

Conversions

Conversions Part 2

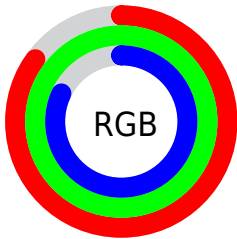
Format	Color
R _Y B	208, 255, 246
Decimal	14286800
CIE Lab	96.34, -20.62, 18.47
CIE LCh	96, 27.685, 138.149
Yxy	90.8258, 0.3159, 0.3788
Android (android.graphics.Color)	4292476880 (0xFFD9FFD0)
YUV	238.2800, -14.9280, -18.6626
Hunter-Lab	95.3026, -24.8816, 21.1645

Details

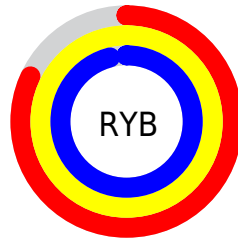
The XYZ color **75.7604, 90.8258, 73.2126** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.6128, 71.9258, 104.3475**, and the grayscale version is **81.6006, 85.8502, 93.4909**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9271, 50.4026, 38.1434** is the 20% darker color. If you saturate the color by 10%, you get **67.1204, 86.7055, 57.7267**, and if you desaturate by 10%, it is **85.6717, 95.5431, 91.3936**.

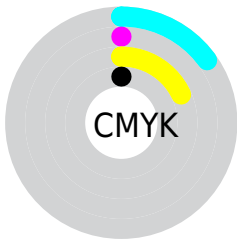
Distribution



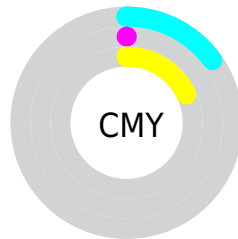
- Red (85%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7604, 90.8258, 73.2126 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 75.7604, 90.8258, 73.2126 by changing the saturation by 10% instead.


 75.7604, 90.8258,
73.2126

 75.7604, 90.8258,
73.2126


469.4841,
530.7135, 490.8418

 56.5324, 68.6658,
53.6569


126.3703,
148.4849, 125.5027

 40.8686, 50.4396,
37.9362


158.4830,
184.7528, 159.0742

 28.4037, 35.7628,
25.6317


195.6213,
226.4921, 198.1547

 18.7722, 24.2510,
16.3250

238.1505,
274.0872, 243.1629

 11.6088, 15.5199,
9.5976

286.4360,
327.9225, 294.5171

 6.5482, 9.1851,
5.0309

340.8432,

 3.2250, 4.8621,

388.3824, 352.6360

2.2063

401.7375,
455.8513, 417.9380

■ 1.2738, 2.1666,
0.6780

■ 0.1635, 0.7017,
0.0000

■ 75.7604, 90.8258,
73.2126

■ 75.7604, 90.8258,
73.2126

■ 67.1204, 86.7055,
57.7267

■ 85.6717, 95.5431,
91.3936

■ 59.6977, 83.1573,
44.8038

95.0500, 100.0000,
108.9000

■ 53.4370, 80.1557,
34.3067

■ 48.2781, 77.6728,
26.0841

■ 44.1549, 75.6783,
19.9672

■ 40.9940, 74.1385,
15.7643

■ 38.7115, 73.0152,
13.2483

■ 37.2013, 72.2605,
12.1019

■ 37.0183, 72.1687,
11.9789

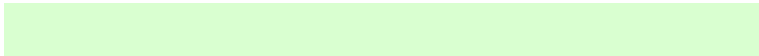
Harmonies

Analogous

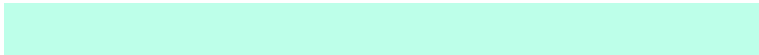
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7964, 90.8258, 63.8220



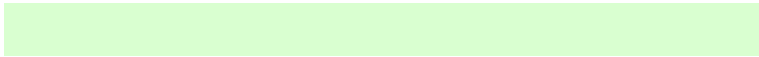
75.7604, 90.8258, 73.2126



72.6311, 90.8258, 90.4382

Triad

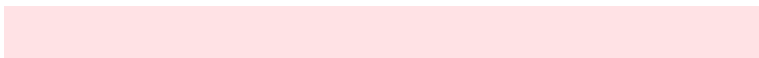
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7604, 90.8258, 73.2126



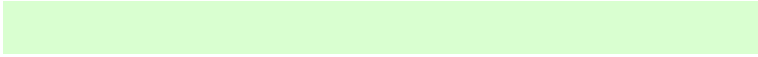
83.3219, 90.8258, 146.4742



101.1763, 90.8258, 86.2635

Complementary

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



75.7604, 90.8258, 73.2126



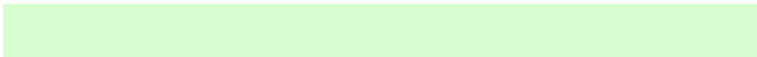
78.6128, 71.9258, 104.3475

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.



101.6451, 90.8258, 107.8607



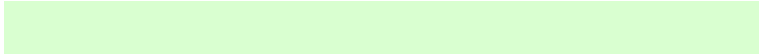
75.7604, 90.8258, 73.2126



91.0223, 90.8258, 144.9127

Square

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



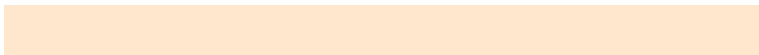
75.7604, 90.8258, 73.2126



76.8199, 90.8258, 133.9654



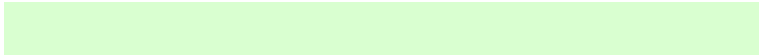
97.8335, 90.8258, 129.9717



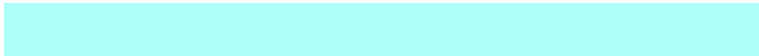
96.5882, 90.8258, 70.5491

Rectangle

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



75.7604, 90.8258, 73.2126



72.4832, 90.8258, 105.0280



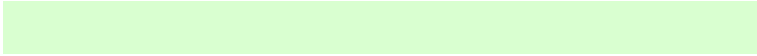
97.8335, 90.8258, 129.9717



101.8304, 90.8258, 93.0033

Sweetspot

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



75.7610, 90.8260, 73.2140



88.2781, 96.7823, 96.2327



85.4598, 91.4829, 72.8296



18.7436, 20.6433, 20.3159



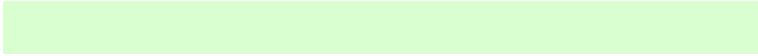
0.0000, 0.0000, 0.0000



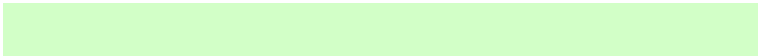
20.3446, 21.4041, 23.3091

Same Dimension

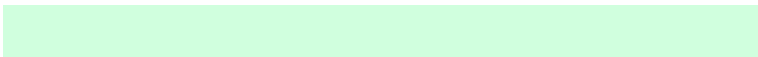
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7610, 90.8260, 73.2140



72.5337, 89.2880, 67.3834



74.9714, 90.2096, 82.6393



18.0961, 20.3355, 19.1157



19.4347, 37.7571, 6.2635



1.9739, 3.7183, 0.6137

Inverse Universe

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



78.6128, 71.9258, 104.3475



75.8483, 67.3002, 103.6003



79.6587, 72.7177, 92.9787



18.4317, 18.1143, 22.7749



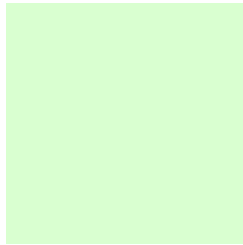
22.8782, 10.7046, 50.2950



2.3111, 1.0853, 4.9010

Previews

White Background



This preview shows how the XYZ color 75.7604, 90.8258, 73.2126 looks on a white background.

Color Contrast Check

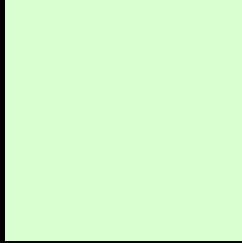
Large Text (above 18pt) WCAG AA × Fail

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 75.7604, 90.8258, 73.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

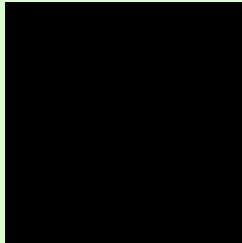
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

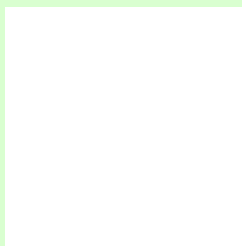
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7604, 90.8258, 73.2126

Background



This preview shows how black text looks on a background with the XYZ color 75.7604, 90.8258, 73.2126.



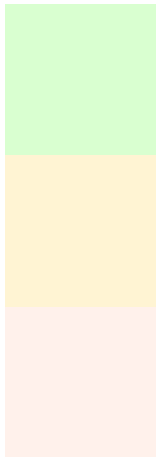
This preview shows how white text looks on a background with the XYZ color 75.7604, 90.8258,

73.2126.

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

75.7604, 90.8258, 73.2126

Protanopia

85.3486, 90.6645, 74.6297

Deuteranopia

87.6907, 90.1688, 91.3798



Tritanopia

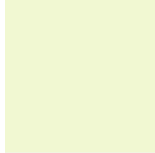
85.2945, 90.3577, 107.5530

Trichromacy



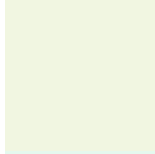
Original Color

75.7604, 90.8258, 73.2126



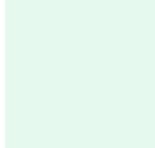
Protanomaly

81.4759, 90.4887, 74.1446



Deuteranomaly

82.8220, 90.0485, 84.2501



Tritanomaly

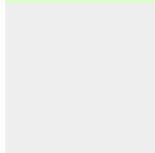
81.6214, 90.5824, 94.0712

Monochromacy



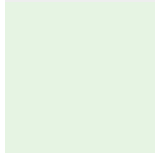
Original Color

75.7604, 90.8258, 73.2126



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.8489, 87.0704, 85.3235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7604, 90.8258, 73.2126 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(217, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 208)  
}
```

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(217, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 75.7604, 90.8258, 73.2126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

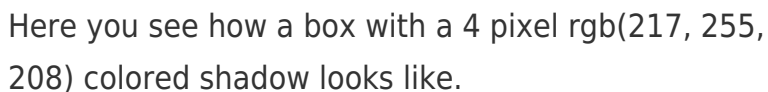
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 208) }
```


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

```
.border{ border-color:rgb(217, 255, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 208); box-shadow:4px 4px 4px 4px rgb(217, 255, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7604, 90.8258, 73.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 208) }
```

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

```
.background{ background-color: rgb(217,  
255, 208) }
```

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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