

Converting Colors

XYZ(75.7897, 90.6019, 84.0087)

Have a look what the booklet for
XYZ(75.7897, 90.6019, 84.0087)
contains.

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Color

**XYZ(75.7929, 90.6035,
84.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFE0
RGB	210, 255, 224
RGB Percent	82%, 100%, 88%
CMY	0.1765, 0.0000, 0.1216
CMYK	0.18, 0.00, 0.12, 0.00
HSL	139°, 100%, 91%
HSV	139°, 18%, 100%
XYZ	75.7929, 90.6035, 84.0145
YIQ	238.0110, -16.8690, -19.1810

Conversions

Conversions Part 2

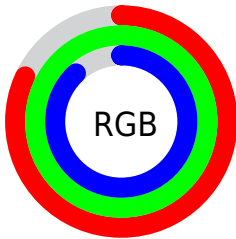
Format	Color
R_{YB}	210, 244, 255
Decimal	13828064
CIE _{Lab}	96.25, -20.16, 10.09
CIE _{LCh}	96, 22.544, 153.417
Yxy	90.6035, 0.3027, 0.3618
Android (android.graphics.Color)	4292018144 (0xFFD2FFE0)
YUV	238.0110, -6.9074, -24.5656
Hunter-Lab	95.1859, -24.4425, 14.2986

Details

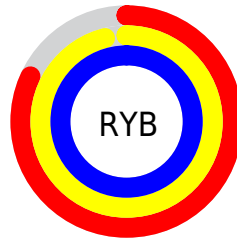
The XYZ color **75.7929, 90.6035, 84.0145** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1642, 73.7049, 93.2203**, and the grayscale version is **81.3373, 85.5731, 93.1892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8731, 50.2213, 45.0756** is the 20% darker color. If you saturate the color by 10%, you get **66.8412, 86.2499, 71.7954**, and if you desaturate by 10%, it is **86.1491, 95.6526, 97.5870**.

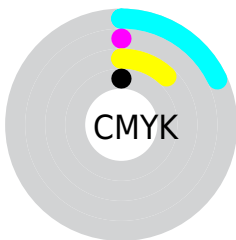
Distribution



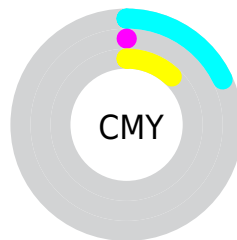
- Red (82%)
- Green (100%)
- Blue (88%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7929, 90.6035, 84.0145 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 75.7929, 90.6035, 84.0145 by changing the saturation by 10% instead.


 75.7929, 90.6035,
84.0145

 75.7929, 90.6035,
84.0145


469.5938,
529.9921, 528.4207

 56.5592, 68.4813,
62.4820


126.4160,
148.1764, 140.8574

 40.8902, 50.2894,
44.9839


158.5361,
184.3959, 177.0048

 28.4206, 35.6434,
31.1019


195.6824,
226.0832, 218.8609

 18.7850, 24.1589,
20.4174

238.2202,
273.6229, 266.8442

 11.6181, 15.4515,
12.5117

286.5149,
327.3992, 321.3733

 6.5545, 9.1369,
6.9664

340.9318,

 3.2289, 4.8306,

387.7966, 382.8667

3.3630

401.8363,
455.1994, 451.7430

■ 1.2760, 2.1482,
1.2828

■ 0.1651, 0.6915,
0.0477

■ 75.7929, 90.6035,
84.0145

■ 75.7929, 90.6035,
84.0145

■ 66.8412, 86.2499,
71.7954

■ 86.1491, 95.6526,
97.5870

■ 59.2296, 82.5596,
60.8837

95.0500, 100.0000,
108.9000

■ 52.8919, 79.4993,
51.2370

■ 47.7554, 77.0326,
42.8089

■ 43.7396, 75.1188,
35.5503

■ 40.7535, 73.7123,
29.4085

■ 38.6911, 72.7595,
24.3265

■ 37.4148, 72.1906,
20.2417

■ 37.1836, 72.0894,
19.4166

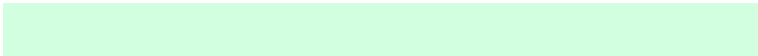
Harmonies

Analogous

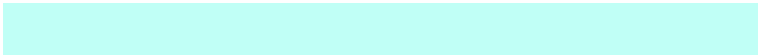
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6549, 90.6035, 72.5828



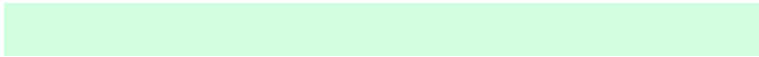
75.7929, 90.6035, 84.0145



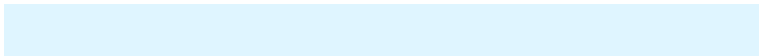
74.6497, 90.6035, 100.7211

Triad

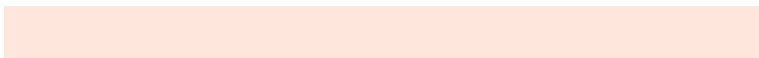
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7929, 90.6035, 84.0145



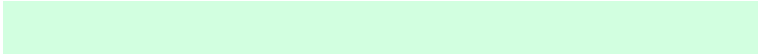
86.8354, 90.6035, 137.2231



96.5596, 90.6035, 80.8570

Complementary

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



75.7929, 90.6035, 84.0145



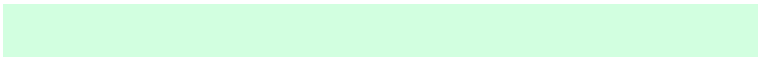
80.1642, 73.7049, 93.2203

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.



98.7000, 90.6035, 96.6111



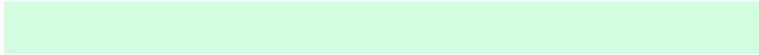
75.7929, 90.6035, 84.0145



92.9172, 90.6035, 130.3167

Square

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



75.7929, 90.6035, 84.0145



80.8406, 90.6035, 132.8064



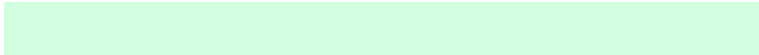
97.3361, 90.6035, 114.8975



91.6159, 90.6035, 70.9209

Rectangle

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



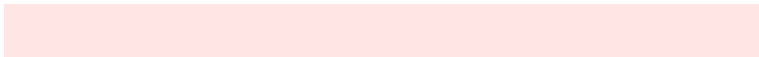
75.7929, 90.6035, 84.0145



75.5351, 90.6035, 112.9974



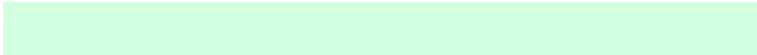
97.3361, 90.6035, 114.8975



97.6414, 90.6035, 85.5749

Sweetspot

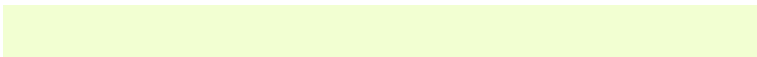
The Sweet Spot groups the original color and five complimentary colors.



75.7936, 90.6038, 84.0159



89.1317, 97.1087, 101.4095



83.8398, 94.9622, 74.8846



18.9062, 20.7014, 21.4865



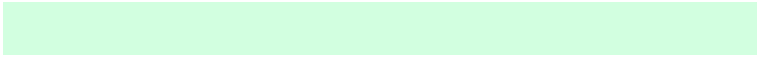
0.0000, 0.0000, 0.0000



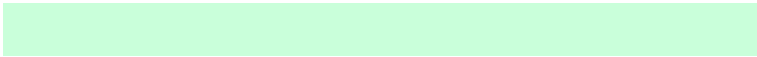
20.3446, 21.4041, 23.3091

Same Dimension

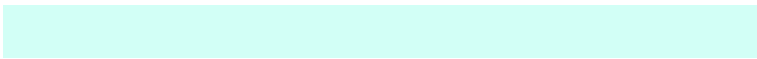
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7936, 90.6038, 84.0159



72.6380, 89.0677, 79.7692



78.9734, 91.8757, 100.7605



18.0043, 20.2613, 20.3256



19.4879, 37.6918, 10.4546



1.9441, 3.6886, 1.2636

Inverse Universe

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



80.1642, 73.7049, 93.2203



77.7142, 69.4364, 90.4569



77.0734, 72.4686, 76.9444



18.5379, 18.1985, 21.4499



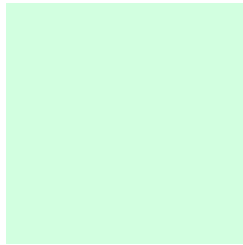
25.6963, 12.7678, 22.8491



2.5512, 1.2628, 2.4839

Previews

White Background



This preview shows how the XYZ color 75.7929, 90.6035, 84.0145 looks on a white background.

Color Contrast Check

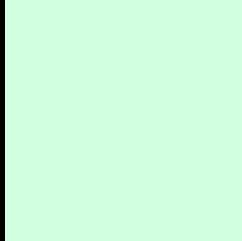
Large Text (above 18pt) WCAG AA × Fail

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 75.7929, 90.6035, 84.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

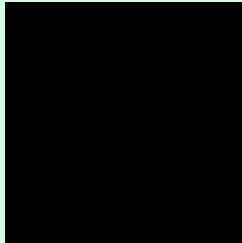
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

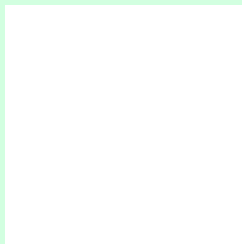
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7929, 90.6035, 84.0145

Background



This preview shows how black text looks on a background with the XYZ color 75.7929, 90.6035, 84.0145.



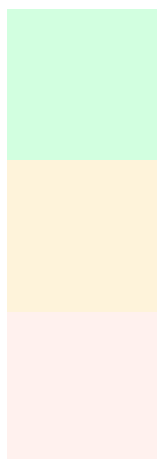
This preview shows how white text looks on a background with the XYZ color 75.7929, 90.6035,

84.0145.

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

75.7929, 90.6035, 84.0145

Protanopia

85.5785, 90.2340, 79.2361

Deuteranopia

88.1279, 90.3436, 93.6821



Tritanopia

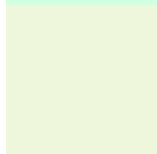
84.6100, 90.4552, 107.6079

Trichromacy



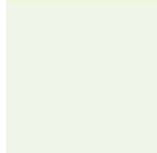
Original Color

75.7929, 90.6035, 84.0145



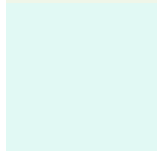
Protanomaly

81.4389, 89.8660, 80.7637



Deuteranomaly

83.2604, 90.1454, 90.1023



Tritanomaly

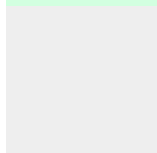
81.2562, 90.2906, 98.7331

Monochromacy



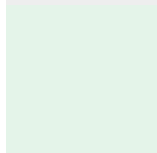
Original Color

75.7929, 90.6035, 84.0145



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.0536, 87.0785, 89.7321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7929, 90.6035, 84.0145 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(210, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 224)  
}
```

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(210, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.7929, 90.6035, 84.0145 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(210, 255, 224) }
```


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

```
.border{ border-color:rgb(210, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7929, 90.6035, 84.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 224) }
```

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

```
.background{ background-color: rgb(210,  
255, 224) }
```

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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