

Converting Colors

XYZ(65.1164, 76.4250, 67.8194)

Have a look what the booklet for
XYZ(65.1164, 76.4250, 67.8194)
contains.

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Color

**XYZ(65.1164, 76.4250,
67.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEBCB
RGB	203, 235, 203
RGB Percent	80%, 92%, 80%
CMY	0.2039, 0.0784, 0.2039
CMYK	0.14, 0.00, 0.14, 0.08
HSL	120°, 44%, 86%
HSV	120°, 14%, 92%
XYZ	65.1164, 76.4250, 67.8194
YIQ	221.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

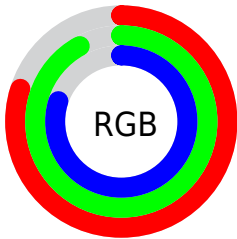
Format	Color
R_{YB}	203, 235, 235
Decimal	13364171
CIE _{Lab}	90.06, -16.36, 12.05
CIE _{LCh}	90, 20.321, 143.620
Yxy	76.4250, 0.3110, 0.3650
Android (android.graphics.Color)	4291554251 (0xFFCBEBCB)
YUV	221.7840, -9.2605, -16.4736
Hunter-Lab	87.4214, -20.0305, 15.1992

Details

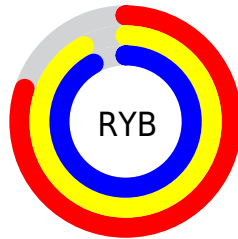
The XYZ color **65.1164, 76.4250, 67.8194** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.6150, 66.3739, 87.6904**, and the grayscale version is **69.3482, 72.9597, 79.4531**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9393, 40.7997, 34.5201** is the 20% darker color. If you saturate the color by 10%, you get **56.6037, 72.3382, 53.8937**, and if you desaturate by 10%, it is **75.0279, 81.1883, 84.0296**.

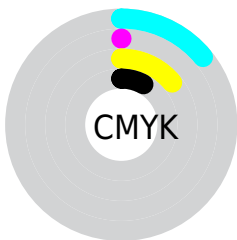
Distribution



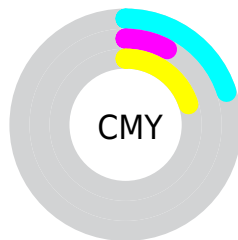
- Red (80%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1164, 76.4250, 67.8194 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 65.1164, 76.4250, 67.8194 by changing the saturation by 10% instead.

65.1164, 76.4250,
67.8194

65.1164, 76.4250,
67.8194

432.7487,
482.8013, 471.4365

47.8205, 56.7811,
49.2851

111.2820,
128.3275, 117.7455

33.8954, 40.8295,
34.4785

140.8824,
161.3548, 149.9744

22.9758, 28.1859,
22.9811

175.3150,
199.6121, 187.6051

14.6962, 18.4658,
14.3744

214.9452,
243.4837, 231.0563

8.6914, 11.2849,
8.2398

260.1383,
293.3541, 280.7465

4.5959, 6.2588,
4.1588

311.2597,

2.0445, 3.0031,

349.6075, 337.0943

1.7129

368.6747,
412.6285, 400.5181

■ 0.6588, 1.1334,
0.3695

■ 0.0000, 0.0062,
0.0000

■ 65.1164, 76.4250,
67.8194

■ 65.1164, 76.4250,
67.8194

■ 56.6037, 72.3382,
53.8937

■ 75.0279, 81.1883,
84.0296

■ 49.4211, 68.8880,
42.1452

■ 86.3906, 86.6464,
102.6152

■ 43.5032, 66.0453,
32.4654

■ 88.9999, 87.8997,
106.8833

■ 38.7768, 63.7750,
24.7345

■ 35.1613, 62.0383,
18.8206

■ 32.5659, 60.7916,
14.5752

■ 30.8856, 59.9845,
11.8268

■ 29.9930, 59.5557,
10.3666

■ 29.7099, 59.4197,
9.9034

Harmonies

Analogous

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



68.8271, 76.4250, 60.2955



65.1164, 76.4250, 67.8194



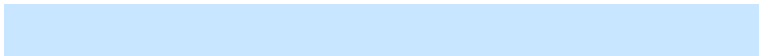
63.4317, 76.4250, 80.1690

Triad

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



65.1164, 76.4250, 67.8194



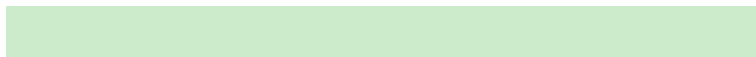
71.5686, 76.4250, 113.9421



81.8815, 76.4250, 72.5856

Complementary

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



65.1164, 76.4250, 67.8194



70.6150, 66.3739, 87.6904

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.



82.6983, 76.4250, 86.3348



65.1164, 76.4250, 67.8194



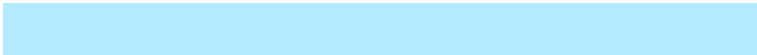
76.5905, 76.4250, 111.3084

Square

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



65.1164, 76.4250, 67.8194



67.0441, 76.4250, 107.6078



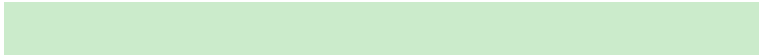
80.7212, 76.4250, 100.7776



78.5382, 76.4250, 62.8167

Rectangle

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



65.1164, 76.4250, 67.8194



63.6259, 76.4250, 89.9194



80.7212, 76.4250, 100.7776



82.4669, 76.4250, 76.8502

Sweetspot

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



65.1185, 76.4283, 67.8211



89.7974, 97.4769, 100.3085



74.7522, 81.3946, 68.2715



19.0157, 20.7658, 21.1354



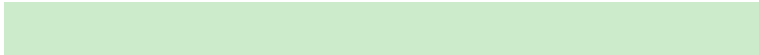
0.0000, 0.0000, 0.0000



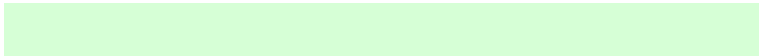
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1185, 76.4283, 67.8211



75.7132, 90.7116, 77.2715



67.1254, 77.2310, 78.3893



14.8684, 16.8622, 15.9899



16.5341, 33.0681, 5.5115



1.2983, 2.5966, 0.4328

Inverse Universe

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



70.6150, 66.3739, 87.6904



83.3871, 76.6744, 105.0117



68.4055, 65.4901, 76.0556



15.7149, 15.3138, 19.0498



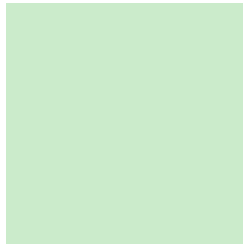
27.4130, 13.1679, 44.8377



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 65.1164, 76.4250, 67.8194 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 65.1164, 76.4250, 67.8194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

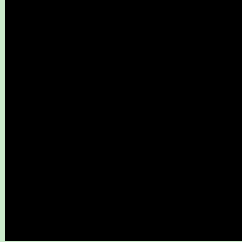
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

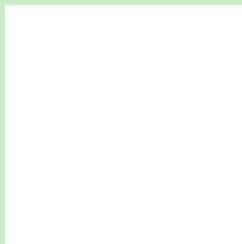
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1164, 76.4250, 67.8194

Background



This preview shows how black text looks on a background with the XYZ color 65.1164, 76.4250, 67.8194.



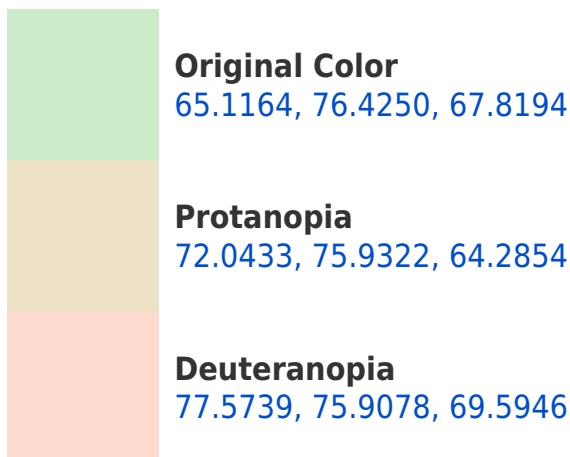
This preview shows how white text looks on a background with the XYZ color 65.1164, 76.4250,

67.8194.

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

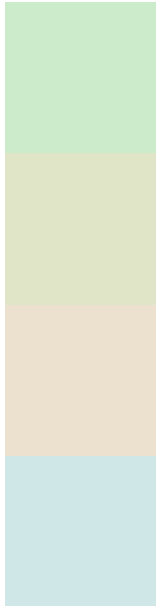




Tritanopia

71.3862, 76.4557, 98.9907

Trichromacy



Original Color

65.1164, 76.4250, 67.8194

Protanomaly

69.4960, 76.2163, 65.6920

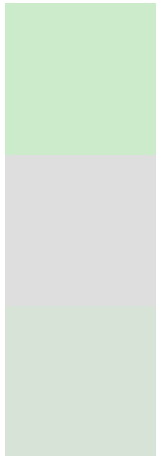
Deuteranomaly

72.3883, 75.6004, 69.1696

Tritanomaly

68.7318, 76.1867, 86.6843

Monochromacy



Original Color

65.1164, 76.4250, 67.8194

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.7592, 74.2915, 75.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1164, 76.4250, 67.8194 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(203, 235, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 203)  
}
```

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(203, 235, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 203) }
```

Border

The CSS property to change the border of an element to XYZ 65.1164, 76.4250, 67.8194 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(203, 235, 203) }
```


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

```
.border{ border-color:rgb(203, 235, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 235, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1164, 76.4250, 67.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 203) }
```

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

```
.background{ background-color: rgb(203,  
235, 203) }
```

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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