

Converting Colors

XYZ(65.9235, 76.4435, 75.4027)

Have a look what the booklet for
XYZ(65.9235, 76.4435, 75.4027)
contains.

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Color

**XYZ(65.7760, 76.1694,
75.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EAD7
RGB	201, 234, 215
RGB Percent	79%, 92%, 84%
CMY	0.2118, 0.0823, 0.1569
CMYK	0.14, 0.00, 0.08, 0.08
HSL	145°, 44%, 85%
HSV	145°, 14%, 92%
XYZ	65.7760, 76.1694, 75.5254
YIQ	221.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

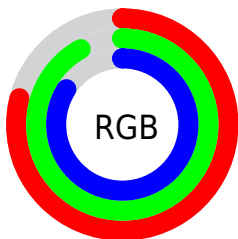
Format	Color
R _Y B	201, 224, 234
Decimal	13232855
CIE Lab	89.94, -14.37, 5.61
CIE LCh	90, 15.424, 158.669
Yxy	76.1694, 0.3025, 0.3503
Android (android.graphics.Color)	4291422935 (0xFFC9EAD7)
YUV	221.9670, -3.4347, -18.3881
Hunter-Lab	87.2751, -18.2025, 9.7847

Details

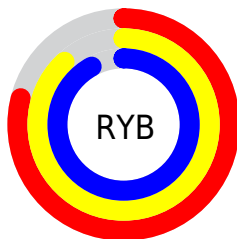
The XYZ color **65.7760, 76.1694, 75.5254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7394, 64.4351, 76.5807**, and the grayscale version is **69.4400, 73.0563, 79.5583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2982, 40.5819, 39.2831** is the 20% darker color. If you saturate the color by 10%, you get **58.2978, 72.5083, 66.5073**, and if you desaturate by 10%, it is **74.3593, 80.3880, 85.3429**.

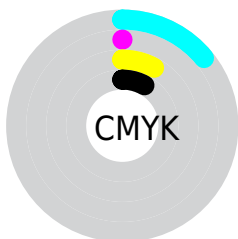
Distribution



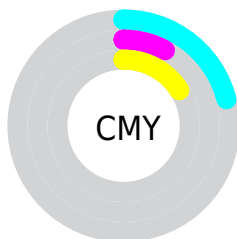
- Red (79%)
- Green (92%)
- Blue (84%)



- Red (79%)
- Yellow (88%)
- Blue (92%)



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



- Cyan (21%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7760, 76.1694, 75.5254 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 65.7760, 76.1694, 75.5254 by changing the saturation by 10% instead.

■ 65.7760, 76.1694,
75.5254

■ 65.7760, 76.1694,
75.5254

435.0766,
481.9274, 499.0250

■ 48.3576, 56.5714,
55.5391

112.2243,
127.9663, 128.8097

■ 34.3226, 40.6613,
39.4320

141.9849,
160.9341, 162.9449

■ 23.3056, 28.0545,
26.7856

176.5903,
199.1272, 202.6333

■ 14.9413, 18.3667,
17.1812

216.4059,
242.9301, 248.2937

■ 8.8642, 11.2136,
10.2005

261.7969,
292.7272, 300.3445

■ 4.7091, 6.2107,
5.4247

313.1288,

■ 2.1106, 2.9736,

348.9028, 359.2043

2.4355

370.7669,
411.8414, 425.2916

■ 0.6950, 1.1180,
0.8057

■ 0.0000, 0.0000,
0.0000

■ 65.7760, 76.1694,
75.5254

■ 65.7760, 76.1694,
75.5254

■ 58.2978, 72.5083,
66.5073

■ 74.3593, 80.3880,
85.3429

■ 51.8718, 69.3714,
58.2634

■ 84.0853, 85.1767,
95.9739

■ 46.4501, 66.7365,
50.7746

■ 88.7142, 87.3284,
106.7881

■ 41.9782, 64.5760,
44.0190

■ 38.3965, 62.8597,
37.9737

■ 35.6382, 61.5535,
32.6146

■ 33.6261, 60.6182,
27.9158

■ 32.2671, 60.0061,
23.8495

■ 31.6890, 59.7544,
21.7343

Harmonies

Analogous

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



67.9091, 76.1694, 67.5894



65.7760, 76.1694, 75.5254



65.3840, 76.1694, 86.1427

Triad

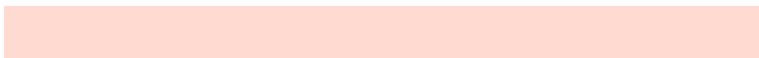
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7760, 76.1694, 75.5254



73.5081, 76.1694, 105.4874



78.2769, 76.1694, 70.4886

Complementary

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



65.7760, 76.1694, 75.5254



67.7394, 64.4351, 76.5807

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.



79.8938, 76.1694, 79.8090



65.7760, 76.1694, 75.5254



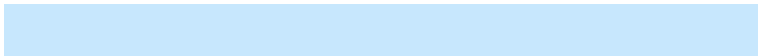
77.0778, 76.1694, 100.4447

Square

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



65.7760, 76.1694, 75.5254



69.7609, 76.1694, 104.0858



79.4475, 76.1694, 90.8152



75.0982, 76.1694, 64.8640

Rectangle

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



65.7760, 76.1694, 75.5254



66.1489, 76.1694, 93.4288



79.4475, 76.1694, 90.8152



79.0261, 76.1694, 73.2589

Sweetspot

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



65.7781, 76.1726, 75.5271



90.4651, 97.7440, 103.8247



69.5591, 78.3208, 66.7108



19.1841, 20.8331, 22.0223



0.0000, 0.0000, 0.0000



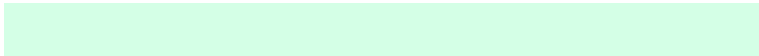
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7781, 76.1726, 75.5271



77.0990, 91.1804, 88.4277



67.9720, 77.0502, 87.0797



15.1335, 16.9682, 17.3857



17.8666, 33.6011, 12.5284



1.4501, 2.6574, 1.2323

Inverse Universe

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



67.7394, 64.4351, 76.5807



79.9254, 74.2639, 89.9449



65.6898, 63.6152, 65.7878



15.4290, 15.1995, 17.5446



21.5791, 10.8343, 14.1170



1.7424, 0.8699, 1.3610

Previews

White Background



This preview shows how the XYZ color 65.7760, 76.1694, 75.5254 looks on a white background.

Color Contrast Check

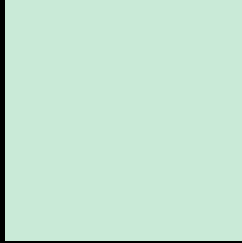
Large Text (above 18pt) WCAG AA × Fail

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 65.7760, 76.1694, 75.5254 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

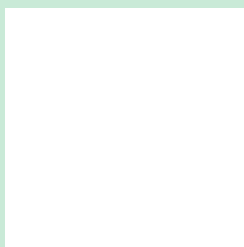
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7760, 76.1694, 75.5254

Background



This preview shows how black text looks on a background with the XYZ color 65.7760, 76.1694, 75.5254.



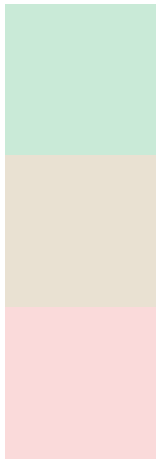
This preview shows how white text looks on a background with the XYZ color 65.7760, 76.1694,

75.5254.

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

65.7760, 76.1694, 75.5254

Protanopia

72.1623, 75.8272, 71.8055

Deuteranopia

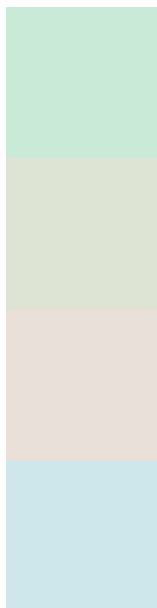
77.1506, 75.5288, 76.8419



Tritanopia

70.5399, 76.0194, 98.9511

Trichromacy



Original Color

65.7760, 76.1694, 75.5254

Protanomaly

69.4459, 75.6124, 73.2218

Deuteranomaly

72.4588, 75.4769, 76.3951

Tritanomaly

68.7481, 76.1291, 89.6682

Monochromacy



Original Color

65.7760, 76.1694, 75.5254

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.7141, 73.8033, 77.6944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7760, 76.1694, 75.5254 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(201, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 234, 215)  
}
```

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(201, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 234, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.7760, 76.1694, 75.5254 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(201, 234, 215) }
```


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

```
.border{ border-color:rgb(201, 234, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 234,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7760, 76.1694, 75.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 234, 215) }
```

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

```
.background{ background-color: rgb(201,  
234, 215) }
```

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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