

Converting Colors

XYZ(66.6454, 75.0602, 75.0408)

Have a look what the booklet for
XYZ(66.6454, 75.0602, 75.0408)
contains.

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Color

**XYZ(66.5750, 74.9098,
75.2401)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D0E6D7 |
| RGB | 208, 230, 215 |
| RGB Percent | 82%, 90%, 84% |
| CMY | 0.1843, 0.0980, 0.1569 |
| CMYK | 0.10, 0.00, 0.07, 0.10 |
| HSL | 139°, 31%, 86% |
| HSV | 139°, 10%, 90% |
| XYZ | 66.5750, 74.9098, 75.2401 |
| YIQ | 221.7120, -8.2970, -9.3290 |

Conversions

Conversions Part 2

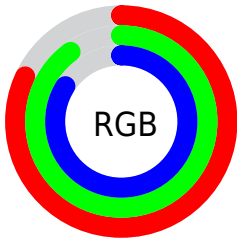
| Format | Color |
|-------------------------------------|--|
| RYB | 208, 225, 230 |
| Decimal | 13690583 |
| CIELab | 89.35, -10.05, 4.82 |
| CIElCh | 89, 11.149, 154.377 |
| Yxy | 74.9098, 0.3072, 0.3456 |
| Android (android.graphics.Color) | 4291880663 (0xFFD0E6D7) |
| YUV | 221.7120, -3.3090, -12.0254 |
| Hunter-Lab | 86.5504, -14.1603, 9.0433 |

Details

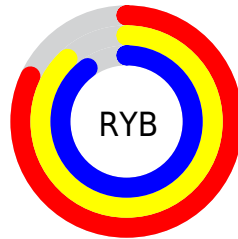
The XYZ color **66.5750, 74.9098, 75.2401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5110, 67.2644, 79.1881**, and the grayscale version is **69.2565, 72.8633, 79.3481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8076, 39.6802, 39.0822** is the 20% darker color. If you saturate the color by 10%, you get **58.6519, 71.0492, 64.8494**, and if you desaturate by 10%, it is **75.6333, 79.3375, 86.6956**.

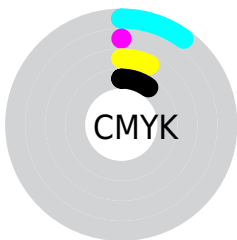
Distribution



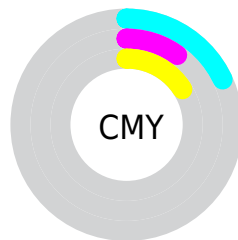
- Red (82%)
- Green (90%)
- Blue (84%)



- Red (82%)
- Yellow (88%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5750, 74.9098, 75.2401 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 66.5750, 74.9098, 75.2401 by changing the saturation by 10% instead.

66.5750, 74.9098,
75.2401

66.5750, 74.9098,
75.2401

437.8868,
477.6075, 498.0198

49.0087, 55.5390,
55.3067

113.3644,
126.1847, 128.4024

34.8410, 39.8334,
39.2471

143.3182,
158.8575, 162.4684

23.7063, 27.4087,
26.6427

178.1320,
196.7332, 202.0823

15.2395, 17.8804,
17.0750

218.1710,
240.1961, 247.6627

9.0750, 10.8642,
10.1254

263.8006,
289.6305, 299.6281

4.8477, 5.9756,
5.3755

315.3862,

2.1920, 2.8302,

345.4210, 358.3971

2.4067

373.2931,
407.9519, 424.3881

■ 0.7385, 1.0438,
0.7901

■ 0.0000, 0.0000,
0.0000

■ 66.5750, 74.9098,
75.2401

■ 66.5750, 74.9098,
75.2401

■ 58.6519, 71.0492,
64.8494

■ 75.6333, 79.3375,
86.6956

■ 51.8122, 67.7233,
55.4881

■ 85.8634, 84.3443,
99.2401

■ 46.0091, 64.9108,
47.1262

■ 87.5882, 85.0765,
106.4127

■ 41.1901, 62.5852,
39.7303

■ 37.2980, 60.7178,
33.2650

■ 34.2691, 59.2766,
27.6928

■ 32.0315, 58.2252,
22.9738

■ 30.5006, 57.5209,
19.0644

■ 29.5417, 57.0953,
15.9158

Harmonies

Analogous

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



68.2793, 74.9098, 69.7858



66.5750, 74.9098, 75.2401



66.0976, 74.9098, 82.7157

Triad

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



66.5750, 74.9098, 75.2401



71.6005, 74.9098, 97.4742



75.6160, 74.9098, 73.3744

Complementary

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



66.5750, 74.9098, 75.2401



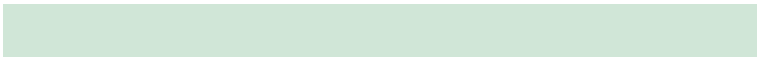
68.5110, 67.2644, 79.1881

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.



76.5574, 74.9098, 80.4231



66.5750, 74.9098, 75.2401



74.2018, 74.9098, 94.5982

Square

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



66.5750, 74.9098, 75.2401



68.9557, 74.9098, 95.8691



76.0334, 74.9098, 88.2328



73.4915, 74.9098, 68.7578

Rectangle

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



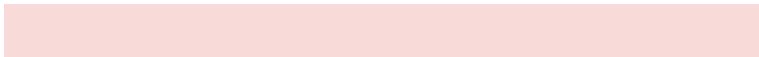
66.5750, 74.9098, 75.2401



66.5289, 74.9098, 87.9213



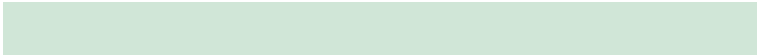
76.0334, 74.9098, 88.2328



76.0837, 74.9098, 75.5209

Sweetspot

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



66.5771, 74.9130, 75.2417



91.4627, 98.2464, 104.4076



70.1265, 76.8445, 70.8120



19.3764, 20.9309, 22.0950



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.



66.5771, 74.9130, 75.2417



82.5447, 93.8915, 93.0329



68.0346, 75.4960, 82.9171



14.3773, 16.1643, 16.2517



16.7533, 32.3334, 9.2010



1.2790, 2.4057, 0.8960

Inverse Universe

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



68.5110, 67.2644, 79.1881



85.3417, 82.8293, 98.7400



67.0792, 66.6917, 71.6483



14.7898, 14.5331, 17.0933



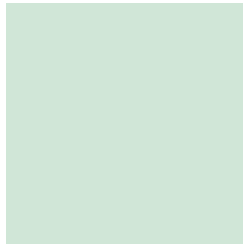
21.9702, 10.9223, 19.2698



1.6653, 0.8238, 1.6439

Previews

White Background



This preview shows how the XYZ color 66.5750, 74.9098, 75.2401 looks on a white background.

Color Contrast Check

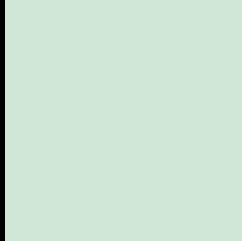
Large Text (above 18pt) WCAG AA × Fail

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 66.5750, 74.9098, 75.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

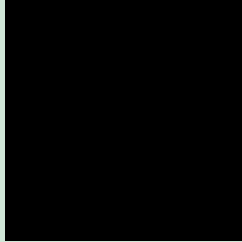
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

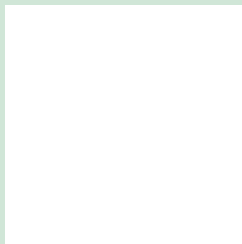
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5750, 74.9098, 75.2401

Background



This preview shows how black text looks on a background with the XYZ color 66.5750, 74.9098, 75.2401.

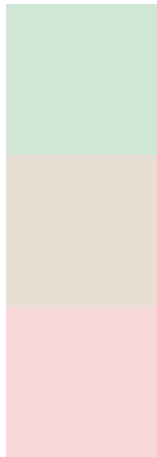


This preview shows how white text looks on a background with the XYZ color 66.5750, 74.9098,

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

66.5750, 74.9098, 75.2401

Protanopia

71.1005, 74.4674, 72.2543

Deuteranopia

76.1791, 74.6441, 76.7223



Tritanopia

70.9661, 75.0705, 96.3377

Trichromacy



Original Color

66.5750, 74.9098, 75.2401

Protanomaly

69.5114, 74.8342, 73.0681

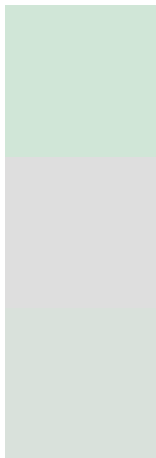
Deuteranomaly

72.2499, 74.5759, 76.2323

Tritanomaly

69.0410, 74.6702, 87.8647

Monochromacy



Original Color

66.5750, 74.9098, 75.2401

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3267, 73.7166, 77.6454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5750, 74.9098, 75.2401 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, 230, 215) looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 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(208, 230, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.5750, 74.9098, 75.2401 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, 230, 215) }
```


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

```
.border{ border-color:rgb(208, 230, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5750, 74.9098, 75.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 215) }
```

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

```
.background{ background-color: rgb(208,  
230, 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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