

Converting Colors

XYZ(66.5776, 74.1735, 78.1533)

Have a look what the booklet for
XYZ(66.5776, 74.1735, 78.1533)
contains.

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Color

**XYZ(66.5420, 74.0112,
77.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E4DB
RGB	208, 228, 219
RGB Percent	82%, 89%, 86%
CMY	0.1843, 0.1059, 0.1412
CMYK	0.09, 0.00, 0.04, 0.11
HSL	153°, 27%, 85%
HSV	153°, 9%, 89%
XYZ	66.5420, 74.0112, 77.7963
YIQ	220.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

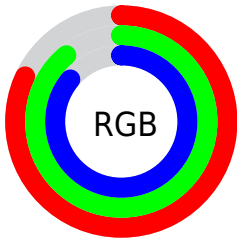
Format	Color
RYB	208, 221, 228
Decimal	13690075
CIELab	88.93, -8.30, 2.11
CIELCh	89, 8.567, 165.729
Yxy	74.0112, 0.3047, 0.3390
Android (android.graphics.Color)	4291880155 (0xFFD0E4DB)
YUV	220.9940, -0.9830, -11.3957
Hunter-Lab	86.0298, -12.4865, 6.6052

Details

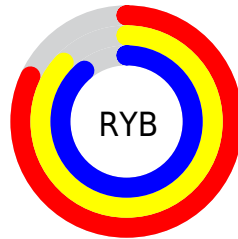
The XYZ color **66.5420, 74.0112, 77.7963** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0778, 66.6173, 74.9721**, and the grayscale version is **68.7360, 72.3156, 78.7517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9708, 39.4375, 40.8910** is the 20% darker color. If you saturate the color by 10%, you get **59.2773, 70.4195, 70.6206**, and if you desaturate by 10%, it is **74.8157, 78.1176, 85.4572**.

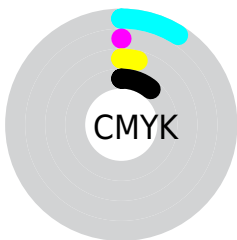
Distribution



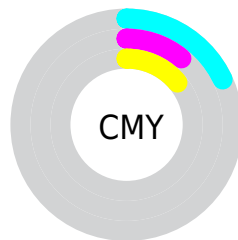
- Red (82%)
- Green (89%)
- Blue (86%)



- Red (82%)
- Yellow (87%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5420, 74.0112, 77.7963 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 66.5420, 74.0112, 77.7963 by changing the saturation by 10% instead.

■ 66.5420, 74.0112,
77.7963

■ 66.5420, 74.0112,
77.7963

437.7709,
474.5120, 506.9843

■ 48.9818, 54.8032,
57.3912

113.3173,
124.9117, 132.0462

■ 34.8196, 39.2442,
40.9080

143.2632,
157.3730, 166.7281

■ 23.6898, 26.9497,
27.9280

178.0684,
195.0208, 207.0059

■ 15.2271, 17.5355,
18.0328

218.0982,
238.2396, 253.2984

■ 9.0663, 10.6170,
10.8039

263.7180,
287.4137, 306.0239

■ 4.8419, 5.8099,
5.8226

315.2931,

■ 2.1886, 2.7299,

342.9275, 365.6010

2.6705

373.1890,
405.1655, 432.4483

■ 0.7367, 0.9924,
0.9285

■ 0.0000, 0.0000,
0.0000

■ 66.5420, 74.0112,
77.7963

■ 66.5420, 74.0112,
77.7963

■ 59.2773, 70.4195,
70.6206

■ 74.8157, 78.1176,
85.4572

■ 52.9748, 67.3123,
63.9155

■ 84.1305, 82.7487,
93.6076

■ 47.5930, 64.6705,
57.6726

■ 86.2070, 83.6385,
101.8692

■ 43.0851, 62.4701,
51.8814

■ 87.0348, 83.9697,
106.2283

■ 39.3998, 60.6849,
46.5312

■ 36.4803, 59.2857,
41.6105

■ 34.2620, 58.2395,
37.1073

■ 32.6690, 57.5074,
33.0085

■ 31.5872, 57.0307,
29.2992

Harmonies

Analogous

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



67.5217, 74.0112, 72.8553



66.5420, 74.0112, 77.7963



66.5674, 74.0112, 83.7292

Triad

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



66.5420, 74.0112, 77.7963



71.4347, 74.0112, 92.1153



73.1729, 74.0112, 72.6628

Complementary

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



66.5420, 74.0112, 77.7963



67.0778, 66.6173, 74.9721

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.



74.2638, 74.0112, 77.5217



66.5420, 74.0112, 77.7963



73.2468, 74.0112, 88.8443

Square

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



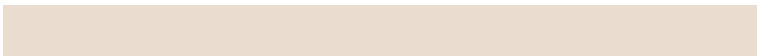
66.5420, 74.0112, 77.7963



69.3646, 74.0112, 92.1978



74.2911, 74.0112, 83.4408



71.3354, 74.0112, 69.9919

Rectangle

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



66.5420, 74.0112, 77.7963



67.1500, 74.0112, 87.4575



74.2911, 74.0112, 83.4408



73.6407, 74.0112, 74.0834

Sweetspot

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



66.5441, 74.0143, 77.7979



91.7418, 98.3581, 105.8773



67.8456, 74.8471, 70.5466



19.4517, 20.9610, 22.4913



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.



66.5441, 74.0143, 77.7979



83.5062, 94.2761, 98.0958



67.5789, 74.1353, 84.1503



14.5193, 16.2212, 16.9995



18.2322, 32.9250, 16.9887



1.3940, 2.4517, 1.5012

Inverse Universe

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



67.0778, 66.6173, 74.9721



84.3605, 82.4369, 93.5732



66.1011, 66.4873, 69.0249



14.6453, 14.4753, 16.3325



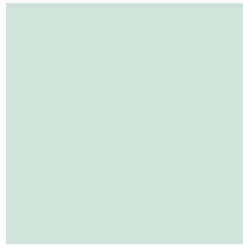
19.9357, 10.1085, 8.5562



1.5194, 0.7655, 0.8759

Previews

White Background



This preview shows how the XYZ color 66.5420, 74.0112, 77.7963 looks on a white background.

Color Contrast Check

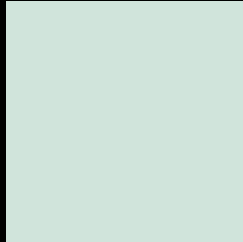
Large Text (above 18pt) WCAG AA × Fail

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 66.5420, 74.0112, 77.7963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

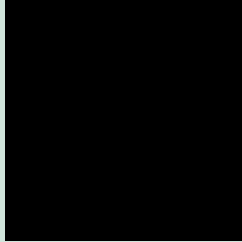
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

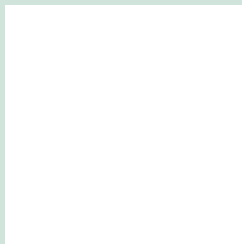
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5420, 74.0112, 77.7963

Background



This preview shows how black text looks on a background with the XYZ color 66.5420, 74.0112, 77.7963.

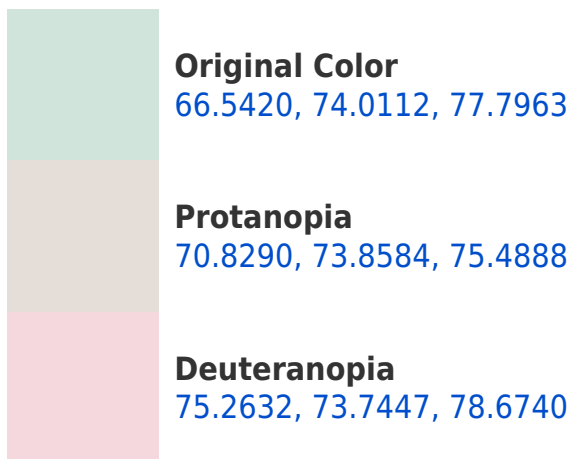


This preview shows how white text looks on a background with the XYZ color 66.5420, 74.0112,

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

69.8340, 73.7192, 94.5530

Trichromacy



Original Color

66.5420, 74.0112, 77.7963

Protanomaly

68.9988, 73.6932, 76.2332

Deuteranomaly

71.7902, 73.5095, 78.1152

Tritanomaly

68.6405, 73.6398, 88.4381

Monochromacy



Original Color

66.5420, 74.0112, 77.7963

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.8928, 73.0775, 78.2372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5420, 74.0112, 77.7963 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, 228, 219)` looks like.

```
.text, #text, p{  
    color:rgb(208, 228, 219)  
}
```

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, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 228, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.5420, 74.0112, 77.7963 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, 228, 219) }
```


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

```
.border{ border-color:rgb(208, 228, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(208, 228,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5420, 74.0112, 77.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 228, 219) }
```

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

```
.background{ background-color: rgb(208,  
228, 219) }
```

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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