

Converting Colors

XYZ(66.2300, 74.3698, 60.9339)

Have a look what the booklet for
XYZ(66.2300, 74.3698, 60.9339)
contains.

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Color

**XYZ(66.1713, 74.1980,
60.7032)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE4C0
RGB	218, 228, 192
RGB Percent	85%, 89%, 75%
CMY	0.1451, 0.1059, 0.2471
CMYK	0.04, 0.00, 0.16, 0.11
HSL	77°, 40%, 82%
HSV	77°, 16%, 89%
XYZ	66.1713, 74.1980, 60.7032
YIQ	220.9060, 5.5960, -13.3160

Conversions

Conversions Part 2

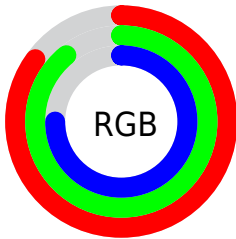
Format	Color
RYB	192, 228, 202
Decimal	14345408
CIELab	89.02, -9.51, 16.46
CIELCh	89, 19.005, 120.022
Yxy	74.1980, 0.3291, 0.3690
Android (android.graphics.Color)	4292535488 (0xFFDAE4C0)
YUV	220.9060, -14.2507, -2.5486
Hunter-Lab	86.1383, -13.6185, 18.5140

Details

The XYZ color **66.1713, 74.1980, 60.7032** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.2132, 55.8592, 81.1692**, and the grayscale version is **68.7571, 72.3378, 78.7759**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **34.6353, 39.5086, 29.8452** is the 20% darker color. If you saturate the color by 10%, you get **61.9803, 72.3093, 48.3256**, and if you desaturate by 10%, it is **70.8302, 76.2871, 75.1486**.

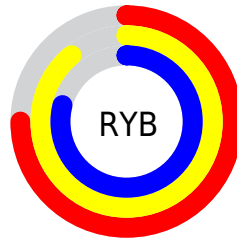
Distribution



Red (85%)

Green (89%)

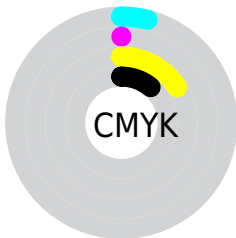
Blue (75%)



Red (75%)

Yellow (89%)

Blue (79%)

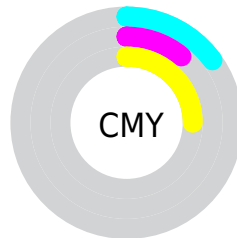


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1713, 74.1980, 60.7032 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 66.1713, 74.1980, 60.7032 by changing the saturation by 10% instead.

■ 66.1713, 74.1980,
60.7032

■ 66.1713, 74.1980,
60.7032

436.4682,
475.1565, 445.0613

■ 48.6797, 54.9561,
43.5567

■ 112.7885,
125.1764, 107.4024

■ 34.5789, 39.3666,
29.9875

142.6449,
157.6818, 137.7922

■ 23.5037, 27.0450,
19.5771

177.3535,
195.3771, 173.4335

■ 15.0886, 17.6070,
11.9070

217.2797,
238.6467, 214.7448

■ 8.9683, 10.6682,
6.5586

262.7890,
287.8751, 262.1447

■ 4.7775, 5.8442,
3.1134

314.2466,

■ 2.1507, 2.7506,

343.4465, 316.0517

1.1528

372.0179,
405.7455, 376.8844

0.7166, 1.0029,
0.0000

0.0000, 0.0000,
0.0000

66.1713, 74.1980,
60.7032

66.1713, 74.1980,
60.7032

61.9803, 72.3093,
48.3256

70.8302, 76.2871,
75.1486

58.2323, 70.6037,
37.9166

75.9686, 78.5740,
91.7457

54.9094, 69.0762,
29.3755

80.7226, 80.7157,
105.9329

51.9894, 67.7181,
22.5913

82.8758, 81.8257,
106.0337

■ 49.4482, 66.5194,
17.4409

■ 85.1044, 82.9746,
106.1380

■ 47.2587, 65.4693,
13.7855

■ 87.0349, 83.9698,
106.2283

■ 45.3891, 64.5550,
11.4631

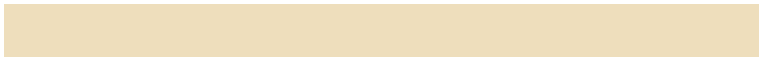
■ 43.8006, 63.7608,
10.2741

■ 43.1890, 63.4515,
9.9711

Harmonies

Analogous

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



70.5196, 74.1980, 57.9257



66.1713, 74.1980, 60.7032



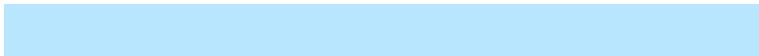
63.1049, 74.1980, 68.7323

Triad

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



66.1713, 74.1980, 60.7032



66.1768, 74.1980, 104.8900



79.7841, 74.1980, 80.7794

Complementary

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



66.1713, 74.1980, 60.7032



57.2132, 55.8592, 81.1692

Split Complementary

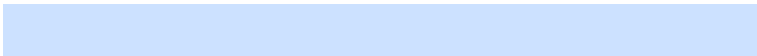
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5008, 74.1980, 94.1792



66.1713, 74.1980, 60.7032



70.5263, 74.1980, 108.9929

Square

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



66.1713, 74.1980, 60.7032



63.1080, 74.1980, 94.1975



75.0614, 74.1980, 104.8786



78.4972, 74.1980, 68.7174

Rectangle

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



66.1713, 74.1980, 60.7032



62.1311, 74.1980, 76.4605



75.0614, 74.1980, 104.8786



79.6383, 74.1980, 85.2779

Sweetspot

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



66.1733, 74.2012, 60.7048



91.7731, 98.5401, 98.3846



62.5387, 62.3556, 58.6099



19.5474, 21.0488, 20.7542



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.



66.1733, 74.2012, 60.7048



83.4268, 94.7984, 72.6443



61.1866, 71.6305, 60.4714



15.1907, 16.6054, 15.3090



25.0581, 36.6994, 5.7630



1.9406, 2.7578, 0.4300

Inverse Universe

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



57.2132, 55.8592, 81.1692



69.7731, 66.8456, 103.8328



62.2500, 58.4558, 81.4049



13.9569, 14.0800, 18.1264



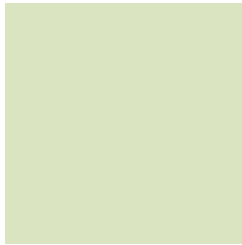
9.3820, 3.9025, 42.6419



0.7813, 0.3338, 3.1552

Previews

White Background



This preview shows how the XYZ color 66.1713, 74.1980, 60.7032 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 66.1713, 74.1980, 60.7032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

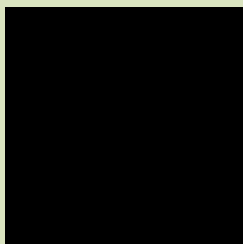
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

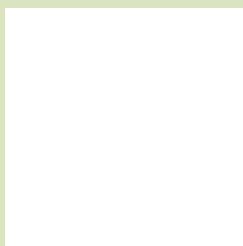
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1713, 74.1980, 60.7032

Background



This preview shows how black text looks on a background with the XYZ color 66.1713, 74.1980, 60.7032.

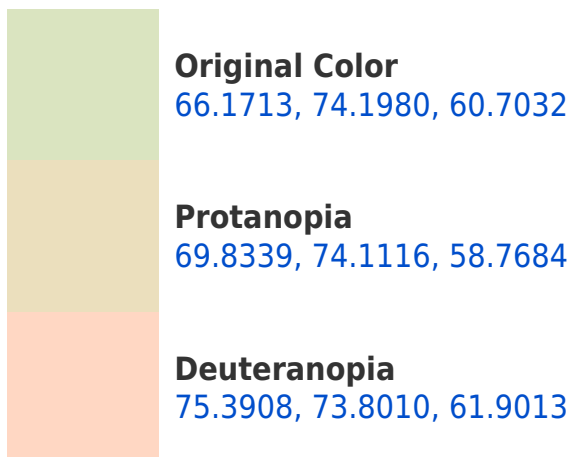


This preview shows how white text looks on a background with the XYZ color 66.1713, 74.1980,

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

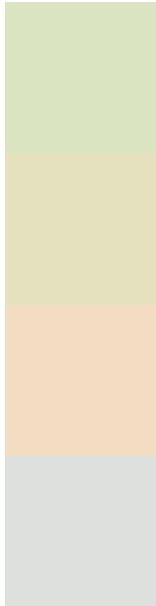




Tritanopia

72.4878, 73.9524, 92.1151

Trichromacy



Original Color

66.1713, 74.1980, 60.7032

Protanomaly

68.5326, 74.2261, 59.4302

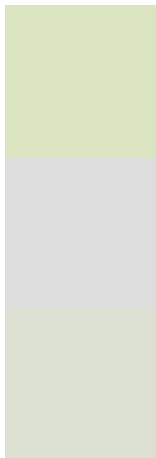
Deuteranomaly

71.9488, 73.9587, 61.5223

Tritanomaly

69.9647, 74.1148, 79.7253

Monochromacy



Original Color

66.1713, 74.1980, 60.7032

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.8037, 73.1801, 71.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1713, 74.1980, 60.7032 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(218, 228, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 192)  
}
```

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(218, 228, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 192) }
```

Border

The CSS property to change the border of an element to XYZ 66.1713, 74.1980, 60.7032 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(218, 228, 192) }
```


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

```
.border{ border-color:rgb(218, 228, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 228, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1713, 74.1980, 60.7032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 192) }
```

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

```
.background{ background-color: rgb(218,  
228, 192) }
```

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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