

Converting Colors

XYZ(66.1018, 65.7784, 74.3114)

Have a look what the booklet for
XYZ(66.1018, 65.7784, 74.3114)
contains.

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Color

**XYZ(66.0715, 65.7523,
74.1749)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CFD8
RGB	226, 207, 216
RGB Percent	89%, 81%, 85%
CMY	0.1137, 0.1882, 0.1529
CMYK	0.00, 0.08, 0.04, 0.11
HSL	332°, 25%, 85%
HSV	332°, 8%, 89%
XYZ	66.0715, 65.7523, 74.1749
YIQ	213.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

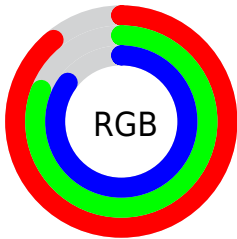
Format	Color
R _Y B	226, 207, 216
Decimal	14864344
CIE Lab	84.87, 8.14, -2.07
CIE LCh	85, 8.397, 345.758
Yxy	65.7523, 0.3207, 0.3192
Android (android.graphics.Color)	4293054424 (0xFFE2CFD8)
YUV	213.7070, 1.1304, 10.7810
Hunter-Lab	81.0878, 3.5407, 2.5260

Details

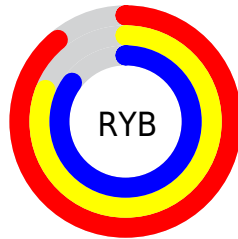
The XYZ color **66.0715, 65.7523, 74.1749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4553, 72.6695, 76.2258**, and the grayscale version is **63.7099, 67.0277, 72.9932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6188, 34.0136, 38.4589** is the 20% darker color. If you saturate the color by 10%, you get **59.5008, 54.9832, 64.6692**, and if you desaturate by 10%, it is **73.5410, 78.1391, 84.5313**.

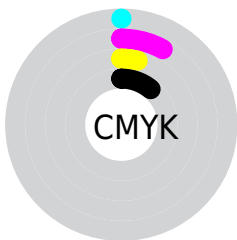
Distribution



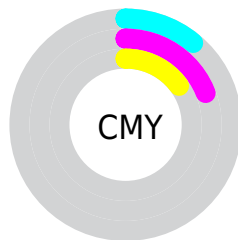
- Red (89%)
- Green (81%)
- Blue (85%)



- Red (89%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0715, 65.7523, 74.1749 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 66.0715, 65.7523, 74.1749 by changing the saturation by 10% instead.

66.0715, 65.7523,
74.1749

66.0715, 65.7523,
74.1749

436.1172,
445.4905, 494.2563

48.5984, 48.0714,
54.4395

112.6461,
113.1307, 126.8800

34.5142, 33.8834,
38.5576

142.4783,
143.5970, 160.6869

23.4537, 22.8040,
26.1106

177.1609,
179.0939, 200.0214

15.0514, 14.4489,
16.6799

217.0592,
220.0057, 245.3019

8.9420, 8.4335,
9.8470

262.5386,
266.7169, 296.9472

4.7602, 4.3736,
5.1933

313.9645,

2.1405, 1.8847,

319.6118, 355.3756

2.3004

371.7023,
379.0749, 421.0058

■ 0.7111, 0.5391,
0.7315

■ 0.0000, 0.0000,
0.0000

■ 66.0715, 65.7523,
74.1749

■ 66.0715, 65.7523,
74.1749

■ 59.5008, 54.9832,
64.6692

■ 73.5410, 78.1391,
84.5313

■ 53.7878, 45.7560,
55.9866

■ 81.9372, 92.1981,
95.7564

■ 48.8966, 38.0016,
48.1038

■ 84.6464, 94.6977,
105.6575

■ 44.7862, 31.6422,
40.9950

■ 85.1744, 94.9089,
108.4378

■ 41.4121, 26.5930,
34.6324

■ 38.7249, 22.7597,
28.9863

■ 36.6690, 20.0350,
24.0242

■ 35.1788, 18.2930,
19.7097

■ 34.1599, 17.3497,
15.9960

Harmonies

Analogous

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



65.1258, 65.7523, 79.0750



66.0715, 65.7523, 74.1749



66.0458, 65.7523, 68.8135

Triad

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



66.0715, 65.7523, 74.1749



61.5174, 65.7523, 62.0689



60.0031, 65.7523, 79.2824

Complementary

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



66.0715, 65.7523, 74.1749



65.4553, 72.6695, 76.2258

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.



59.0750, 65.7523, 74.4465



66.0715, 65.7523, 74.1749



59.9372, 65.7523, 64.5986

Square

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



66.0715, 65.7523, 74.1749



63.3907, 65.7523, 62.0044



59.0511, 65.7523, 69.0719



61.6089, 65.7523, 82.1226

Rectangle

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



66.0715, 65.7523, 74.1749



65.4804, 65.7523, 65.7023



59.0511, 65.7523, 69.0719



59.6029, 65.7523, 77.8258

Sweetspot

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



66.0734, 65.7552, 74.1763



92.0162, 94.9591, 104.7236



64.6035, 64.8435, 81.0633



19.5257, 20.0440, 22.1800



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.



66.0734, 65.7552, 74.1763



85.3613, 83.9611, 95.3783



65.0185, 65.4561, 68.2424



13.9761, 13.8081, 15.6445



19.4672, 9.8539, 9.1259



1.3944, 0.7010, 0.8695

Inverse Universe

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



66.0734, 65.7552, 74.1763



85.3613, 83.9611, 95.3783



66.5719, 72.9785, 82.5298



13.9761, 13.8081, 15.6445



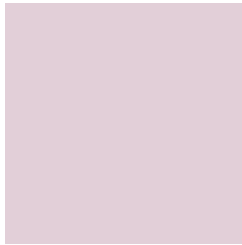
19.4672, 9.8539, 9.1259



1.3944, 0.7010, 0.8695

Previews

White Background



This preview shows how the XYZ color 66.0715, 65.7523, 74.1749 looks on a white background.

Color Contrast Check

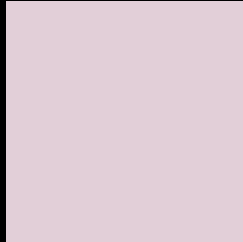
Large Text (above 18pt) WCAG AA × Fail

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 66.0715, 65.7523, 74.1749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

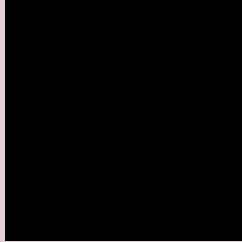
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0715, 65.7523, 74.1749

Background



This preview shows how black text looks on a background with the XYZ color 66.0715, 65.7523, 74.1749.



This preview shows how white text looks on a background with the XYZ color 66.0715, 65.7523,

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

66.0715, 65.7523, 74.1749

Protanopia

63.6807, 65.9466, 75.7023

Deuteranopia

66.8591, 65.4435, 74.0738



Tritanopia

66.9347, 65.7474, 78.2699

Trichromacy



Original Color

66.0715, 65.7523, 74.1749

Protanomaly

64.4844, 66.0084, 74.9878

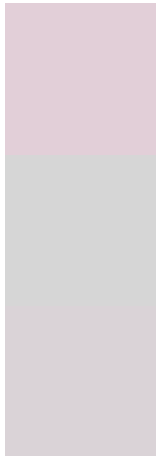
Deuteranomaly

66.7791, 65.7585, 74.1388

Tritanomaly

66.6681, 65.6408, 76.8663

Monochromacy



Original Color

66.0715, 65.7523, 74.1749

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4734, 66.4003, 73.7084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0715, 65.7523, 74.1749 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(226, 207, 216) looks like.

```
.text, #text, p{  
    color:rgb(226, 207, 216)  
}
```

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(226, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 207, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.0715, 65.7523, 74.1749 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(226, 207, 216) }
```


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

```
.border{ border-color:rgb(226, 207, 216) }
```

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

Here you see how a box with a 4 pixel rgb(226, 207, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 207,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0715, 65.7523, 74.1749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 207, 216) }
```

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

```
.background{ background-color: rgb(226,  
207, 216) }
```

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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