

Converting Colors

XYZ(65.2921, 66.1061, 74.5707)

Have a look what the booklet for
XYZ(65.2921, 66.1061, 74.5707)
contains.

XYZ(65.3193, 66.0884, 74.2794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3193, 66.0884,
74.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	DED1D8
RGB	222, 209, 216
RGB Percent	87%, 82%, 85%
CMY	0.1294, 0.1804, 0.1529
CMYK	0.00, 0.06, 0.03, 0.13
HSL	328°, 16%, 85%
HSV	328°, 6%, 87%
XYZ	65.3193, 66.0884, 74.2794
YIQ	213.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

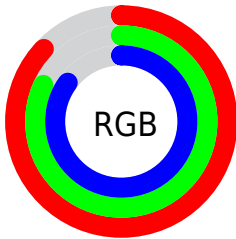
Format	Color
R _Y B	222, 209, 216
Decimal	14602712
CIE Lab	85.04, 5.71, -1.85
CIE LCh	85, 6.005, 342.030
Yxy	66.0884, 0.3176, 0.3213
Android (android.graphics.Color)	4292792792 (0xFFDED1D8)
YUV	213.6850, 1.1413, 7.2923
Hunter-Lab	81.2948, 1.1566, 2.7328

Details

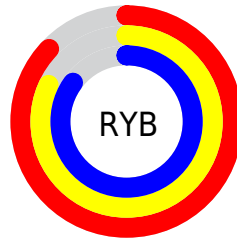
The XYZ color **65.3193, 66.0884, 74.2794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6840, 70.7058, 74.5317**, and the grayscale version is **63.6964, 67.0136, 72.9778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0907, 34.2314, 38.5288** is the 20% darker color. If you saturate the color by 10%, you get **58.9641, 55.4320, 65.8267**, and if you desaturate by 10%, it is **72.5199, 78.3014, 83.4233**.

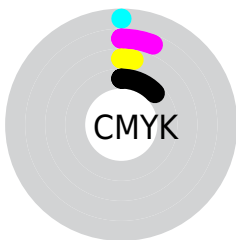
Distribution



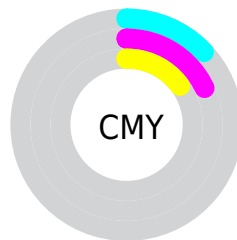
- Red (87%)
- Green (82%)
- Blue (85%)



- Red (87%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3193, 66.0884, 74.2794 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 65.3193, 66.0884, 74.2794 by changing the saturation by 10% instead.

65.3193, 66.0884,
74.2794

65.3193, 66.0884,
74.2794

433.4656,
446.6930, 494.6263

47.9857, 48.3442,
54.5246

111.5719,
113.6132, 127.0295

34.0268, 34.0995,
38.6252

141.2217,
144.1626, 160.8618

23.0771, 22.9701,
26.1627

175.7075,
179.7491, 200.2238

14.7715, 14.5714,
16.7185

215.3948,
220.7572, 245.5339

8.7444, 8.5191,
9.8742

260.6489,
267.5712, 297.2106

4.6306, 4.4289,
5.2111

311.8352,

2.0647, 1.9163,

320.5756, 355.6726

2.3108

369.3190,
380.1547, 421.3383

■ 0.6699, 0.5581,
0.7372

■ 0.0000, 0.0000,
0.0000

■ 65.3193, 66.0884,
74.2794

■ 65.3193, 66.0884,
74.2794

■ 58.9641, 55.4320,
65.8267

■ 72.5199, 78.3014,
83.4233

■ 53.4159, 46.2607,
58.0426

■ 80.5910, 92.1219,
93.2715

■ 48.6418, 38.5101,
50.9094

■ 82.6342, 93.7497,
101.5324

■ 44.6041, 32.1074,
44.4068

■ 83.9346, 94.2698,
108.3798

■ 41.2621, 26.9738,
38.5130

■ 38.5707, 23.0218,
33.2047

■ 36.4792, 20.1530,
28.4566

■ 34.9289, 18.2525,
24.2399

■ 33.8474, 17.1788,
20.5214

Harmonies

Analogous

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



64.5709, 66.0884, 77.6294



65.3193, 66.0884, 74.2794



65.3908, 66.0884, 70.4190

Triad

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



65.3193, 66.0884, 74.2794



62.2750, 66.0884, 64.9233



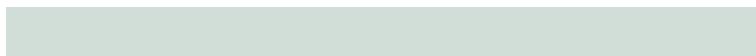
60.9046, 66.0884, 77.0574

Complementary

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



65.3193, 66.0884, 74.2794



64.6840, 70.7058, 74.5317

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.



60.3078, 66.0884, 73.5213



65.3193, 66.0884, 74.2794



61.0913, 66.0884, 66.5717

Square

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



65.3193, 66.0884, 74.2794



63.6201, 66.0884, 65.1099



60.3756, 66.0884, 69.6875



62.0168, 66.0884, 79.2724

Rectangle

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



65.3193, 66.0884, 74.2794



65.0438, 66.0884, 68.0839



60.3756, 66.0884, 69.6875



60.6378, 66.0884, 75.9785

Sweetspot

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



65.3212, 66.0913, 74.2808



93.0677, 96.6384, 106.3806



63.9681, 65.3024, 78.3412



19.9411, 20.7198, 22.7963



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.



65.3212, 66.0913, 74.2808



88.3190, 88.6158, 100.2507



64.5162, 65.7693, 70.0421



14.2899, 14.2869, 16.2075



19.9461, 10.0454, 11.6476



1.4276, 0.7143, 1.0448

Inverse Universe

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



65.3212, 66.0913, 74.2808



88.3190, 88.6158, 100.2507



65.5156, 71.0385, 78.9111



14.2899, 14.2869, 16.2075



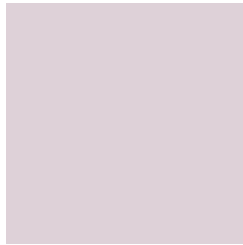
19.9461, 10.0454, 11.6476



1.4276, 0.7143, 1.0448

Previews

White Background



This preview shows how the XYZ color 65.3193, 66.0884, 74.2794 looks on a white background.

Color Contrast Check

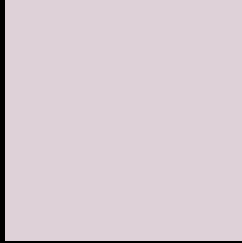
Large Text (above 18pt) WCAG AA × Fail

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 65.3193, 66.0884, 74.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

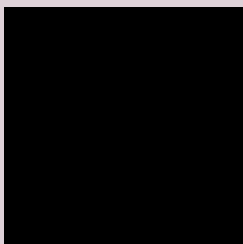
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

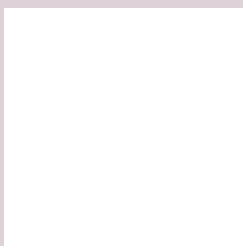
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3193, 66.0884, 74.2794

Background



This preview shows how black text looks on a background with the XYZ color 65.3193, 66.0884, 74.2794.

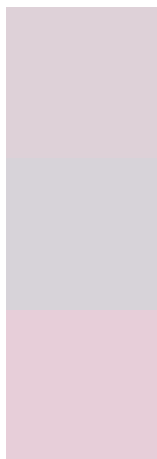


This preview shows how white text looks on a background with the XYZ color 65.3193, 66.0884,

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

65.3193, 66.0884, 74.2794

Protanopia

63.8430, 66.0454, 75.0288

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

66.4418, 66.1815, 79.7935

Trichromacy



Original Color

65.3193, 66.0884, 74.2794

Protanomaly

64.4844, 66.0084, 74.9878

Deuteranomaly

66.8321, 66.1294, 74.8875

Tritanomaly

66.0384, 66.0202, 77.6692

Monochromacy



Original Color

65.3193, 66.0884, 74.2794

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4245, 66.7450, 73.7775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3193, 66.0884, 74.2794 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(222, 209, 216) looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 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(222, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.3193, 66.0884, 74.2794 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(222, 209, 216) }
```


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

```
.border{ border-color:rgb(222, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3193, 66.0884, 74.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 216) }
```

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

```
.background{ background-color: rgb(222,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor