

Converting Colors

XYZ(67.0498, 68.4594, 74.8762)

Have a look what the booklet for
XYZ(67.0498, 68.4594, 74.8762)
contains.

XYZ(66.9294, 68.3937, 74.6395)	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(66.9294, 68.3937,
74.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5D8
RGB	224, 213, 216
RGB Percent	88%, 84%, 85%
CMY	0.1216, 0.1647, 0.1529
CMYK	0.00, 0.05, 0.04, 0.12
HSL	344°, 15%, 86%
HSV	344°, 5%, 88%
XYZ	66.9294, 68.3937, 74.6395
YIQ	216.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

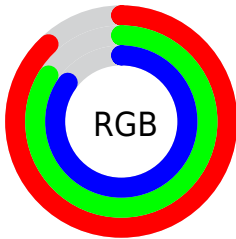
Format	Color
RYB	224, 213, 216
Decimal	14734808
CIELab	86.20, 4.30, -0.13
CIELCh	86, 4.304, 358.212
Yxy	68.3937, 0.3188, 0.3257
Android (android.graphics.Color)	4292924888 (0xFFE0D5D8)
YUV	216.6310, -0.3111, 6.4626
Hunter-Lab	82.7005, -0.2660, 4.3795

Details

The XYZ color **66.9294, 68.3937, 74.6395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1500, 72.6797, 78.8996**, and the grayscale version is **65.7018, 69.1235, 75.2754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0221, 35.4619, 38.7172** is the 20% darker color. If you saturate the color by 10%, you get **59.6765, 57.0935, 62.3377**, and if you desaturate by 10%, it is **75.1733, 81.3398, 88.3043**.

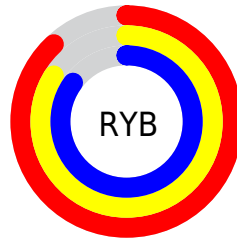
Distribution



Red (88%)

Green (84%)

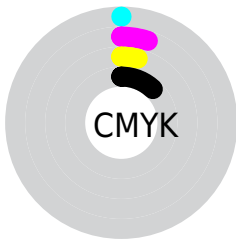
Blue (85%)



Red (88%)

Yellow (84%)

Blue (85%)

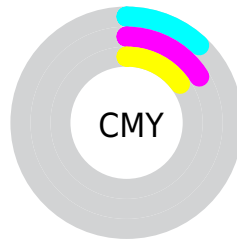


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9294, 68.3937, 74.6395 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 66.9294, 68.3937, 74.6395 by changing the saturation by 10% instead.

66.9294, 68.3937,
74.6395

66.9294, 68.3937,
74.6395

439.1299,
454.8897, 495.8999

49.2977, 50.2181,
54.8177

113.8696,
116.9152, 127.5443

35.0712, 35.5867,
38.8581

143.9088,
148.0298, 161.4644

23.8845, 24.1152,
26.3424

178.8147,
184.2263, 200.9209

15.3723, 15.4191,
16.8519

218.9524,
225.8890, 246.3325

9.1691, 9.1140,
9.9681

264.6875,
273.4023, 298.1177

4.9096, 4.8156,
5.2725

316.3851,

2.2285, 2.1395,

327.1506, 356.6949

2.3465

374.4108,
387.5182, 422.4828

■ 0.7577, 0.6867,
0.7571

■ 0.0000, 0.0000,
0.0000

■ 66.9294, 68.3937,
74.6395

■ 66.9294, 68.3937,
74.6395

■ 59.6765, 57.0935,
62.3377

■ 75.1733, 81.3398,
88.3043

■ 53.3712, 47.3645,
51.3521

■ 83.5366, 94.1818,
103.0676

■ 47.9751, 39.1394,
41.6393

■ 84.5509, 94.5875,
108.4086

■ 43.4450, 32.3424,
33.1523

■ 39.7343, 26.8915,
25.8405

■ 36.7916, 22.6959,
19.6502

■ 34.5595, 19.6535,
14.5228

■ 32.9721, 17.6463,
10.3940

■ 31.9497, 16.5300,
7.1910

Harmonies

Analogous

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



66.6393, 68.3937, 77.3810



66.9294, 68.3937, 74.6395



66.6998, 68.3937, 71.9190

Triad

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



66.9294, 68.3937, 74.6395



64.1095, 68.3937, 69.7630



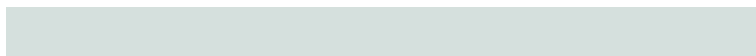
64.0075, 68.3937, 79.2048

Complementary

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



66.9294, 68.3937, 74.6395



67.1500, 72.6797, 78.8996

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.



63.3414, 68.3937, 77.0789



66.9294, 68.3937, 74.6395



63.3999, 68.3937, 71.6312

Square

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



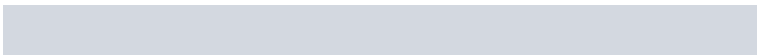
66.9294, 68.3937, 74.6395



65.0656, 68.3937, 69.1466



63.1201, 68.3937, 74.2990



64.9467, 68.3937, 80.0579

Rectangle

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



66.9294, 68.3937, 74.6395



66.2842, 68.3937, 70.4738



63.1201, 68.3937, 74.2990



63.7446, 68.3937, 78.6127

Sweetspot

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



66.9313, 68.3967, 74.6410



93.9446, 98.2649, 107.0651



67.0344, 68.3273, 80.1773



20.1197, 21.0510, 22.9357



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.



66.9313, 68.3967, 74.6410



88.6211, 89.9274, 98.1705



67.1511, 69.4505, 72.8204



14.3197, 14.4791, 15.8086



18.4255, 9.4372, 3.6404



1.3142, 0.6690, 0.4475

Inverse Universe

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



66.9313, 68.3967, 74.6410



88.6211, 89.9274, 98.1705



66.9170, 71.5691, 80.8092



14.3197, 14.4791, 15.8086



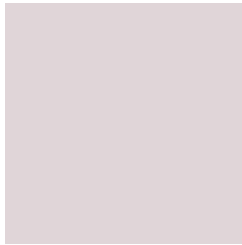
18.4255, 9.4372, 3.6404



1.3142, 0.6690, 0.4475

Previews

White Background



This preview shows how the XYZ color 66.9294, 68.3937, 74.6395 looks on a white background.

Color Contrast Check

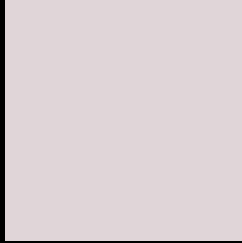
Large Text (above 18pt) WCAG AA × Fail

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 66.9294, 68.3937, 74.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

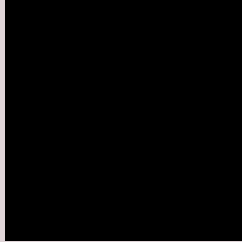
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

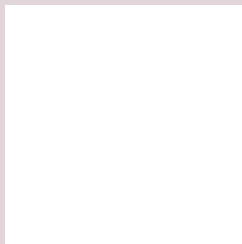
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9294, 68.3937, 74.6395

Background



This preview shows how black text looks on a background with the XYZ color 66.9294, 68.3937, 74.6395.

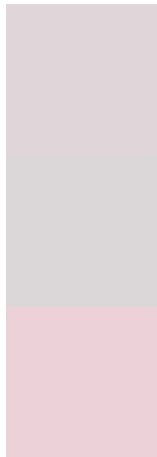


This preview shows how white text looks on a background with the XYZ color 66.9294, 68.3937,

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

66.9294, 68.3937, 74.6395

Protanopia

66.0382, 68.6707, 75.4198

Deuteranopia

69.9169, 68.4435, 75.1715



Tritanopia

68.6619, 68.3587, 82.9745

Trichromacy



Original Color

66.9294, 68.3937, 74.6395

Protanomaly

66.3897, 68.4750, 75.3635

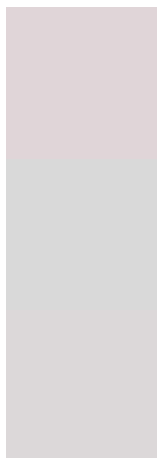
Deuteranomaly

68.8497, 68.2587, 75.1921

Tritanomaly

68.0494, 68.4763, 80.1517

Monochromacy



Original Color

66.9294, 68.3937, 74.6395

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.5955, 69.3371, 75.5191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9294, 68.3937, 74.6395 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(224, 213, 216) looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 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(224, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.9294, 68.3937, 74.6395 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(224, 213, 216) }
```


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

```
.border{ border-color:rgb(224, 213, 216) }
```

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

Here you see how a box with a 4 pixel rgb(224, 213, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9294, 68.3937, 74.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 216) }
```

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

```
.background{ background-color: rgb(224,  
213, 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