

Converting Colors

XYZ(67.7478, 69.9135, 74.8342)

Have a look what the booklet for
XYZ(67.7478, 69.9135, 74.8342)
contains.

XYZ(67.6910, 69.9169, 74.8934)	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(67.6910, 69.9169,
74.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D8D8
RGB	224, 216, 216
RGB Percent	88%, 85%, 85%
CMY	0.1216, 0.1529, 0.1529
CMYK	0.00, 0.04, 0.04, 0.12
HSL	0°, 11%, 86%
HSV	0°, 4%, 88%
XYZ	67.6910, 69.9169, 74.8934
YIQ	218.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

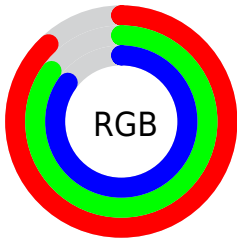
Format	Color
RYB	224, 216, 216
Decimal	14735576
CIELab	86.96, 2.74, 0.96
CIELCh	87, 2.902, 19.414
Yxy	69.9169, 0.3185, 0.3290
Android (android.graphics.Color)	4292925656 (0xFFE0D8D8)
YUV	218.3920, -1.1793, 4.9182
Hunter-Lab	83.6163, -1.8252, 5.4266

Details

The XYZ color **67.6910, 69.9169, 74.8934** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4290, 73.2910, 81.0619**, and the grayscale version is **66.9184, 70.4033, 76.6692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5401, 36.4980, 38.8899** is the 20% darker color. If you saturate the color by 10%, you get **59.6401, 58.1375, 58.8829**, and if you desaturate by 10%, it is **76.9222, 83.4234, 93.2468**.

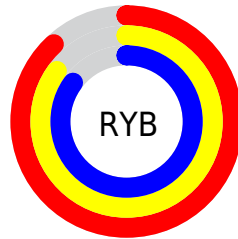
Distribution



Red (88%)

Green (85%)

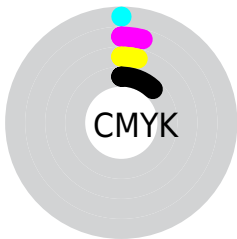
Blue (85%)



Red (88%)

Yellow (85%)

Blue (85%)

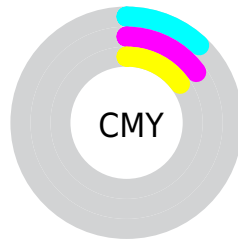


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6910, 69.9169, 74.8934 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 67.6910, 69.9169, 74.8934 by changing the saturation by 10% instead.

67.6910, 69.9169,
74.8934

67.6910, 69.9169,
74.8934

441.7943,
460.2582, 496.7967

49.9191, 51.4588,
55.0244

114.9543,
119.0902, 127.9072

35.5667, 36.5739,
39.0225

145.1765,
150.5743, 161.8890

24.2683, 24.8777,
26.4693

180.2795,
187.1690, 201.4121

15.6586, 15.9860,
16.9461

220.6287,
229.2590, 246.8951

9.3722, 9.5142,
10.0345

266.5894,
277.2285, 298.7565

5.0438, 5.0781,
5.3160

318.5270,

2.3080, 2.2932,

331.4619, 357.4149

2.3718

376.8069,
392.3437, 423.2888

■ 0.7988, 0.7701,
0.7711

■ 0.0000, 0.0000,
0.0000

■ 67.6910, 69.9169,
74.8934

■ 67.6910, 69.9169,
74.8934

■ 59.6401, 58.1375,
58.8829

■ 76.9222, 83.4234,
93.2468

■ 52.7165, 48.0069,
45.1166

■ 84.5509, 94.5875,
108.4086

■ 46.8715, 39.4544,
33.4957

■ 42.0509, 32.4006,
23.9123

■ 38.1957, 26.7593,
16.2489

■ 35.2410, 22.4353,
10.3763

■ 33.1138, 19.3220,
6.1493

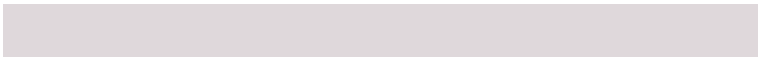
■ 31.7298, 17.2961,
3.4000

■ 30.9867, 16.2080,
1.9251

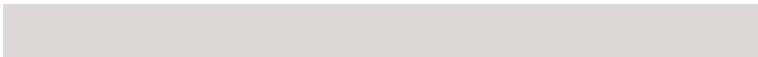
Harmonies

Analogous

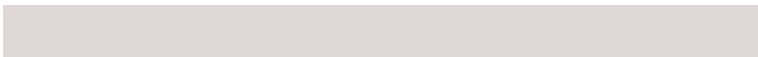
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7436, 69.9169, 76.8156



67.6910, 69.9169, 74.8934



67.3056, 69.9169, 73.3274

Triad

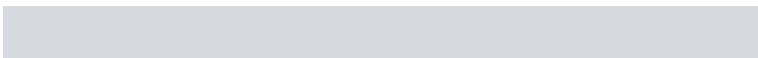
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6910, 69.9169, 74.8934



65.4688, 69.9169, 73.7244



66.2147, 69.9169, 79.8568

Complementary

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



67.6910, 69.9169, 74.8934



68.4290, 73.2910, 81.0619

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.



65.6094, 69.9169, 78.9982



67.6910, 69.9169, 74.8934



65.1807, 69.9169, 75.4438

Square

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



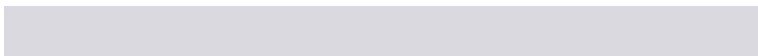
67.6910, 69.9169, 74.8934



66.0216, 69.9169, 72.6605



65.2320, 69.9169, 77.3753



66.8882, 69.9169, 79.7033

Rectangle

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



67.6910, 69.9169, 74.8934



66.9133, 69.9169, 72.6858



65.2320, 69.9169, 77.3753



65.9966, 69.9169, 79.6764

Sweetspot

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



67.6930, 69.9199, 74.8949



93.8344, 98.2214, 106.4828



68.7518, 70.3419, 80.4756



20.0972, 21.0422, 22.8172



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.



67.6930, 69.9199, 74.8949



90.2843, 93.0272, 99.4237



68.7293, 71.9926, 75.2404



14.5552, 14.9415, 15.9139



17.8941, 9.2261, 0.8377



1.2405, 0.6399, 0.0581

Inverse Universe

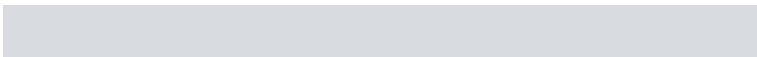
The Inverse Universe completely reimagines the original color for something new.



68.4290, 73.2910, 81.0619



91.3949, 98.1134, 108.7285



67.3677, 71.1682, 80.7081



14.7660, 15.9067, 17.6797



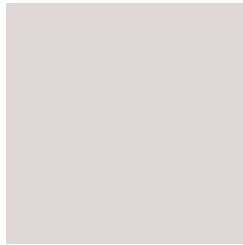
23.3307, 34.1309, 46.4066



1.6173, 2.3661, 3.2167

Previews

White Background



This preview shows how the XYZ color 67.6910, 69.9169, 74.8934 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 67.6910, 69.9169, 74.8934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

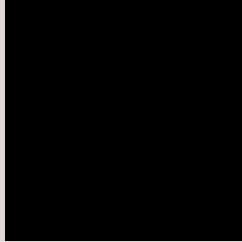
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

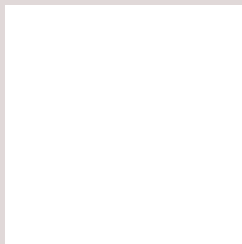
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6910, 69.9169, 74.8934

Background



This preview shows how black text looks on a background with the XYZ color 67.6910, 69.9169, 74.8934.

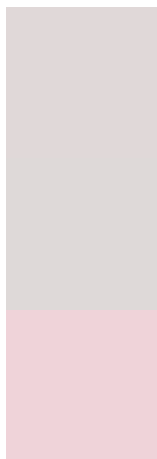


This preview shows how white text looks on a background with the XYZ color 67.6910, 69.9169,

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

67.6910, 69.9169, 74.8934

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

71.4153, 69.9490, 75.3832



Tritanopia

69.8344, 70.0314, 85.4380

Trichromacy



Original Color

67.6910, 69.9169, 74.8934

Protanomaly

67.6389, 70.2716, 74.9646

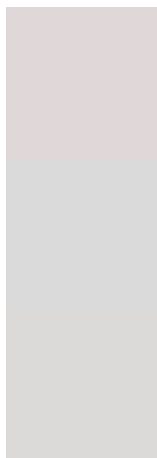
Deuteranomaly

70.2503, 70.0907, 75.4719

Tritanomaly

69.0792, 70.0994, 81.8412

Monochromacy



Original Color

67.6910, 69.9169, 74.8934

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8524, 69.8511, 75.6048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6910, 69.9169, 74.8934 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, 216, 216) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 67.6910, 69.9169, 74.8934 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, 216, 216) }
```


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

```
.border{ border-color:rgb(224, 216, 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, 216, 216)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.6910, 69.9169, 74.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(224,  
216, 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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