

Converting Colors

XYZ(65.7969, 68.9956, 74.6816)

Have a look what the booklet for
XYZ(65.7969, 68.9956, 74.6816)
contains.

XYZ(65.8640, 68.9750, 74.8079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(65.8640, 68.9750,
74.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD8D8
RGB	218, 216, 216
RGB Percent	85%, 85%, 85%
CMY	0.1451, 0.1529, 0.1529
CMYK	0.00, 0.01, 0.01, 0.15
HSL	0°, 3%, 85%
HSV	0°, 1%, 85%
XYZ	65.8640, 68.9750, 74.8079
YIQ	216.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

Format	Color
R_{YB}	218, 216, 216
Decimal	14342360
CIE Lab	86.49, 0.68, 0.23
CIE LCh	86, 0.723, 18.642
Yxy	68.9750, 0.3142, 0.3290
Android (android.graphics.Color)	4292532440 (0xFFDAD8D8)
YUV	216.5980, -0.2948, 1.2296
Hunter-Lab	83.0512, -3.7796, 4.7307

Details

The XYZ color **65.8640, 68.9750, 74.8079** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0453, 69.8030, 76.3231**, and the grayscale version is **65.6813, 69.1018, 75.2519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2821, 35.8495, 38.8310** is the 20% darker color. If you saturate the color by 10%, you get **58.0202, 57.5018, 59.1986**, and if you desaturate by 10%, it is **74.8241, 82.0804, 92.6357**.

Distribution



Red (85%)

Green (85%)

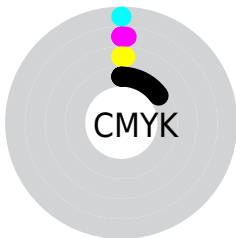
Blue (85%)



Red (85%)

Yellow (85%)

Blue (85%)

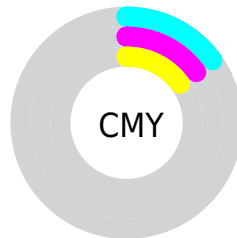


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8640, 68.9750, 74.8079 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 65.8640, 68.9750, 74.8079 by changing the saturation by 10% instead.

■ 65.8640, 68.9750,
74.8079

■ 65.8640, 68.9750,
74.8079

435.3866,
456.9428, 496.4948

■ 48.4293, 50.6914,
54.9547

112.3499,
117.7459, 127.7850

■ 34.3797, 35.9630,
38.9671

142.1319,
149.0019, 161.7460

■ 23.3497, 24.4056,
26.4265

176.7603,
185.3508, 201.2467

■ 14.9740, 15.6348,
16.9144

216.6005,
227.1770, 246.7057

■ 8.8874, 9.2661,
10.0122

262.0179,
274.8649, 298.5415

■ 4.7243, 4.9152,
5.3013

313.3778,

■ 2.1195, 2.1976,

328.7989, 357.1725

2.3633

371.0456,
389.3634, 423.0175

■ 0.6998, 0.7187,
0.7664

■ 0.0000, 0.0000,
0.0000

■ 65.8640, 68.9750,
74.8079

■ 65.8640, 68.9750,
74.8079

■ 58.0202, 57.5018,
59.1986

■ 74.8241, 82.0804,
92.6357

■ 51.2433, 47.5884,
45.7168

■ 82.7239, 93.6457,
108.3231

■ 45.4891, 39.1703,
34.2717

■ 40.7079, 32.1749,
24.7644

■ 36.8460, 26.5237,
17.0877

■ 33.8444, 22.1304,
11.1240

■ 31.6374, 18.8991,
6.7419

■ 30.1495, 16.7196,
3.7913

■ 29.2912, 15.4611,
2.0930

Harmonies

Analogous

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



65.8746, 68.9750, 75.2837



65.8640, 68.9750, 74.8079



65.7715, 68.9750, 74.4125

Triad

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



65.8640, 68.9750, 74.8079



65.3175, 68.9750, 74.4948



65.4953, 68.9750, 76.0091

Complementary

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



65.8640, 68.9750, 74.8079



66.0453, 69.8030, 76.3231

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.



65.3463, 68.9750, 75.7958



65.8640, 68.9750, 74.8079



65.2437, 68.9750, 74.9207

Square

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



65.8640, 68.9750, 74.8079



65.4559, 68.9750, 74.2323



65.2543, 68.9750, 75.3970



65.6616, 68.9750, 75.9785

Rectangle

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



65.8640, 68.9750, 74.8079



65.6759, 68.9750, 74.2472



65.2543, 68.9750, 75.3970



65.4416, 68.9750, 75.9635

Sweetspot

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



65.8660, 68.9780, 74.8094

95.0500, 100.0000, 108.9000



66.1253, 69.0802, 76.1794



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8660, 68.9780, 74.8094



93.8354, 98.2235, 106.4832



66.1220, 69.4901, 74.8948



14.5446, 15.2298, 16.5154



17.3255, 8.9365, 0.8118



1.1231, 0.5803, 0.0528

Inverse Universe

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



66.0453, 69.8030, 76.3231



94.1166, 99.5167, 108.8559



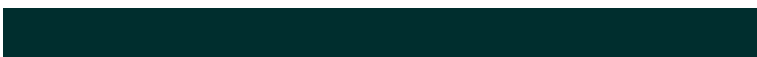
65.7877, 69.2877, 76.2372



14.5854, 15.4172, 16.8592



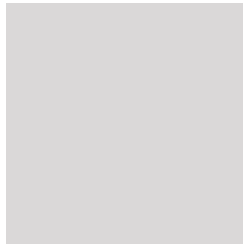
22.5432, 32.9559, 44.9114



1.4611, 2.1363, 2.9098

Previews

White Background



This preview shows how the XYZ color 65.8640, 68.9750, 74.8079 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 65.8640, 68.9750, 74.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

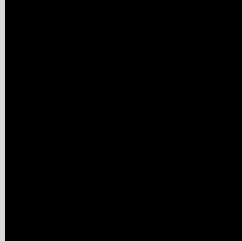
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

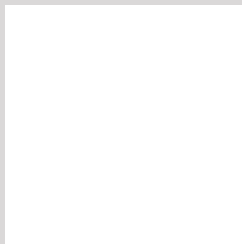
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8640, 68.9750, 74.8079

Background



This preview shows how black text looks on a background with the XYZ color 65.8640, 68.9750, 74.8079.

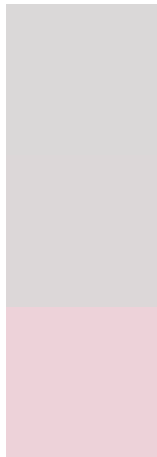


This preview shows how white text looks on a background with the XYZ color 65.8640, 68.9750,

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

65.8640, 68.9750, 74.8079

Protanopia

66.2103, 68.7744, 74.7509

Deuteranopia

70.4960, 69.1075, 75.2692



Tritanopia

67.9856, 69.0783, 85.3515

Trichromacy



Original Color

65.8640, 68.9750, 74.8079

Protanomaly

65.9085, 68.6188, 74.7368

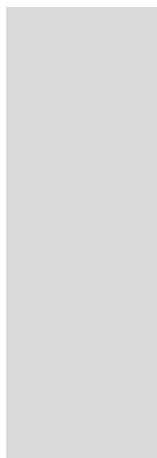
Deuteranomaly

68.7010, 68.9197, 75.3275

Tritanomaly

67.2413, 69.1519, 81.7552

Monochromacy



Original Color

65.8640, 68.9750, 74.8079

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.9525, 69.3872, 75.5626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8640, 68.9750, 74.8079 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, 216, 216) looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.8640, 68.9750, 74.8079 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, 216, 216) }
```

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

```
.border{ border-color:rgb(218, 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(218, 216, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
216) }
```


Background

The CSS property to change the background color of an element to XYZ 65.8640, 68.9750, 74.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 216) }
```

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

```
.background{ background-color: rgb(218,  
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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