

Converting Colors

XYZ(63.9698, 64.8460, 76.7903)

Have a look what the booklet for
XYZ(63.9698, 64.8460, 76.7903)
contains.

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Color

**XYZ(64.0894, 65.0308,
76.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D0DC
RGB	217, 208, 220
RGB Percent	85%, 82%, 86%
CMY	0.1490, 0.1843, 0.1372
CMYK	0.01, 0.05, 0.00, 0.14
HSL	285°, 15%, 84%
HSV	285°, 5%, 86%
XYZ	64.0894, 65.0308, 76.8845
YIQ	212.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

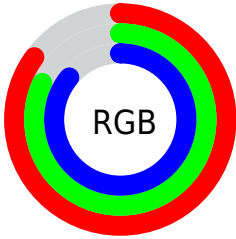
Format	Color
R _Y B	217, 208, 220
Decimal	14274780
CIE Lab	84.50, 5.26, -4.82
CIE LCh	84, 7.136, 317.496
Yxy	65.0308, 0.3111, 0.3157
Android (android.graphics.Color)	4292464860 (0xFFD9D0DC)
YUV	212.0590, 3.9149, 4.3333
Hunter-Lab	80.6417, 0.7387, -0.0784

Details

The XYZ color **64.0894, 65.0308, 76.8845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8449, 69.5911, 69.7453**, and the grayscale version is **62.5942, 65.8540, 71.7150**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2474, 33.5092, 40.3129** is the 20% darker color. If you saturate the color by 10%, you get **57.4857, 54.2101, 75.1449**, and if you desaturate by 10%, it is **71.4954, 77.3732, 78.8775**.

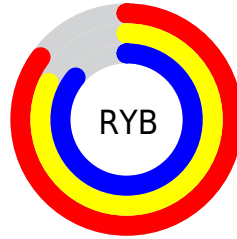
Distribution



Red (85%)

Green (82%)

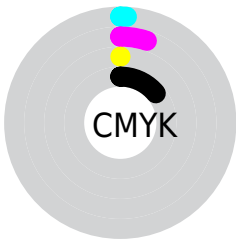
Blue (86%)



Red (85%)

Yellow (82%)

Blue (86%)

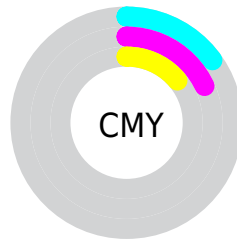


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (14%)



Cyan (15%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0894, 65.0308, 76.8845 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 64.0894, 65.0308, 76.8845 by changing the saturation by 10% instead.

■ 64.0894, 65.0308,
76.8845

■ 64.0894, 65.0308,
76.8845

429.1095,
442.9026, 503.7973

■ 46.9850, 47.4861,
56.6471

109.8127,
112.0941, 130.7480

■ 33.2317, 33.4201,
40.3145

139.1623,
142.3815, 165.2111

■ 22.4641, 22.4484,
27.4682

173.3244,
177.6852, 205.2532

■ 14.3168, 14.1868,
17.6896

212.6644,
218.3897, 251.2928

■ 8.4245, 8.2507,
10.5602

257.5475,
264.8792, 303.7485

■ 4.4218, 4.2558,
5.6615

308.3392,

■ 1.9434, 1.8176,

317.5383, 363.0388

2.5750

365.4047,
376.7513, 429.5822

■ 0.6019, 0.4981,
0.8795

■ 0.0000, 0.0000,
0.0000

■ 64.0894, 65.0308,
76.8845

■ 64.0894, 65.0308,
76.8845

■ 57.4857, 54.2101,
75.1449

■ 71.4954, 77.3732,
78.8775

■ 51.6477, 44.8415,
73.6443

■ 79.7272, 91.2865,
81.1291

■ 46.5442, 36.8625,
72.3732

■ 82.4485, 94.0965,
81.5281

■ 42.1395, 30.2027,
71.3199

■ 84.2781, 95.0397,
81.6137

■ 38.3950, 24.7854,
70.4716

■ 86.1643, 96.0120,
81.7020

■ 35.2679, 20.5259,
69.8142

■ 88.1074, 97.0138,
81.7929

■ 32.7101, 17.3289,
69.3320

■ 89.9185, 97.9474,
81.8777

■ 30.6655, 15.0833,
69.0063

■ 29.0658, 13.6529,
68.8145

Harmonies

Analogous

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



62.7328, 65.0308, 79.4836



64.0894, 65.0308, 76.8845



64.8404, 65.0308, 72.7186

Triad

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



64.0894, 65.0308, 76.8845



62.4736, 65.0308, 62.6051



58.9419, 65.0308, 73.4704

Complementary

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



64.0894, 65.0308, 76.8845



63.8449, 69.5911, 69.7453

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.



58.8752, 65.0308, 68.9302



64.0894, 65.0308, 76.8845



60.8960, 65.0308, 62.7869

Square

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



64.0894, 65.0308, 76.8845



63.8968, 65.0308, 64.5515



59.5850, 65.0308, 65.0594



59.7688, 65.0308, 77.4552

Rectangle

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



64.0894, 65.0308, 76.8845



64.8883, 65.0308, 69.6722



59.5850, 65.0308, 65.0594



58.8303, 65.0308, 71.9550

Sweetspot

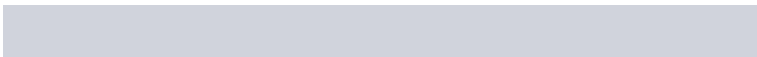
The Sweet Spot groups the original color and five complimentary colors.



64.0913, 65.0336, 76.8859



92.9769, 96.5480, 108.3430



62.2774, 65.2681, 77.0268



19.9226, 20.7014, 23.1957



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.



64.0913, 65.0336, 76.8859



87.9943, 88.2984, 107.0132



64.6235, 65.3504, 74.9916



13.5557, 13.5560, 16.5542



16.7929, 7.7812, 40.3552



1.1648, 0.5438, 2.6180

Inverse Universe

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



63.8313, 65.0336, 70.8200



87.5367, 88.3029, 96.1313



63.3408, 69.2911, 71.5356



13.4806, 13.5570, 14.7571



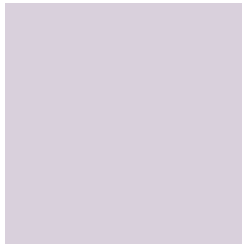
17.7649, 9.1070, 3.1423



1.1854, 0.6038, 0.3854

Previews

White Background



This preview shows how the XYZ color 64.0894, 65.0308, 76.8845 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 64.0894, 65.0308, 76.8845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

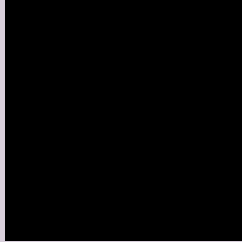
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

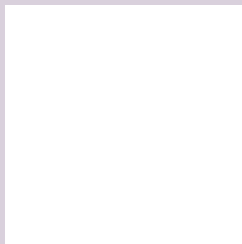
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0894, 65.0308, 76.8845

Background



This preview shows how black text looks on a background with the XYZ color 64.0894, 65.0308, 76.8845.

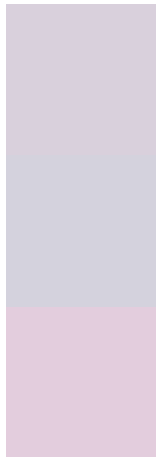


This preview shows how white text looks on a background with the XYZ color 64.0894, 65.0308,

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

64.0894, 65.0308, 76.8845

Protanopia

63.2491, 65.3107, 77.6793

Deuteranopia

66.5610, 65.2140, 77.4860



Tritanopia

64.6808, 64.9129, 79.6414

Trichromacy



Original Color

64.0894, 65.0308, 76.8845

Protanomaly

63.5832, 65.1175, 77.6244

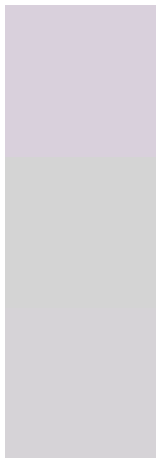
Deuteranomaly

65.5539, 65.0510, 77.5077

Tritanomaly

64.5455, 64.8588, 78.9291

Monochromacy



Original Color

64.0894, 65.0308, 76.8845

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2916, 65.7910, 73.6531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0894, 65.0308, 76.8845 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(217, 208, 220) looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 220)  
}
```

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(217, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.0894, 65.0308, 76.8845 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(217, 208, 220) }
```


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

```
.border{ border-color:rgb(217, 208, 220) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0894, 65.0308, 76.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 220) }
```

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

```
.background{ background-color: rgb(217,  
208, 220) }
```

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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