

Converting Colors

XYZ(65.8850, 64.6478, 79.4862)

Have a look what the booklet for
XYZ(65.8850, 64.6478, 79.4862)
contains.

XYZ(66.0263, 64.8918, 79.5664)	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(66.0263, 64.8918,
79.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CDE0
RGB	224, 205, 224
RGB Percent	88%, 80%, 88%
CMY	0.1216, 0.1961, 0.1216
CMYK	0.00, 0.08, 0.00, 0.12
HSL	300°, 23%, 84%
HSV	300°, 8%, 88%
XYZ	66.0263, 64.8918, 79.5664
YIQ	212.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

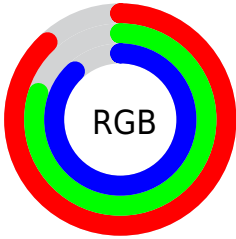
Format	Color
R _Y B	224, 205, 224
Decimal	14732768
CIE Lab	84.43, 9.94, -6.99
CIE LCh	84, 12.156, 324.884
Yxy	64.8918, 0.3137, 0.3083
Android (android.graphics.Color)	4292922848 (0xFFE0CDE0)
YUV	212.8470, 5.4984, 9.7812
Hunter-Lab	80.5554, 5.3333, -2.1732

Details

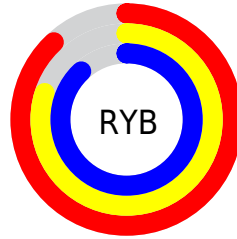
The XYZ color **66.0263, 64.8918, 79.5664** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8545, 70.7000, 68.0947**, and the grayscale version is **63.1072, 66.3937, 72.3027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5902, 33.4328, 42.1662** is the 20% darker color. If you saturate the color by 10%, you get **61.0477, 54.9337, 77.9077**, and if you desaturate by 10%, it is **71.7758, 76.3897, 81.4837**.

Distribution



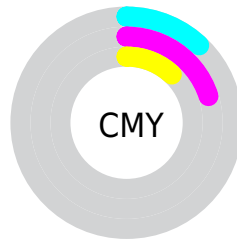
- Red (88%)
- Green (80%)
- Blue (88%)



- Red (88%)
- Yellow (80%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0263, 64.8918, 79.5664 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 66.0263, 64.8918, 79.5664 by changing the saturation by 10% instead.

66.0263, 64.8918,
79.5664

66.0263, 64.8918,
79.5664

435.9581,
442.4030, 513.1386

48.5615, 47.3733,
58.8375

112.5816,
111.8943, 134.5618

34.4849, 33.3309,
42.0632

142.4028,
142.1471, 169.6655

23.4310, 22.3801,
28.8248

177.0736,
177.4135, 210.3978

15.0345, 14.1364,
18.7039

216.9593,
218.0779, 257.1774

8.9301, 8.2156,
11.2819

262.4252,
264.5246, 310.4227

4.7524, 4.2332,
6.1402

313.8368,

2.1360, 1.8049,

317.1382, 370.5523

2.8604

371.5593,
376.3028, 437.9847

■ 0.7087, 0.4902,
1.0238

■ 0.0000, 0.0000,
0.0000

■ 66.0263, 64.8918,
79.5664

■ 66.0263, 64.8918,
79.5664

■ 61.0477, 54.9337,
77.9077

■ 71.7758, 76.3897,
81.4837

■ 56.8019, 46.4421,
76.4924

■ 78.3209, 89.4799,
83.6654

■ 53.2560, 39.3504,
75.3104

■ 79.9557, 92.7494,
84.2103

■ 50.3724, 33.5833,
74.3493

■ 79.9557, 92.7495,
84.2103

48.1102, 29.0588,
73.5952

79.9558, 92.7495,
84.2103

46.4235, 25.6856,
73.0330

79.9558, 92.7495,
84.2103

45.2607, 23.3599,
72.6454

79.9558, 92.7495,
84.2103

44.5604, 21.9594,
72.4119

79.9559, 92.7495,
84.2103

44.2322, 21.3031,
72.3026

79.9559, 92.7496,
84.2103

Harmonies

Analogous

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



63.8900, 64.8918, 85.0334



66.0263, 64.8918, 79.5664



66.9990, 64.8918, 71.9914

Triad

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



66.0263, 64.8918, 79.5664



62.1422, 64.8918, 56.8469



57.0832, 64.8918, 77.1045

Complementary

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



66.0263, 64.8918, 79.5664



62.8545, 70.7000, 68.0947

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.



56.6459, 64.8918, 69.3375



66.0263, 64.8918, 79.5664



59.5171, 64.8918, 57.9983

Square

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



66.0263, 64.8918, 79.5664



64.7151, 64.8918, 59.1695



57.5244, 64.8918, 62.4372



58.7368, 64.8918, 83.5408

Rectangle

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



66.0263, 64.8918, 79.5664



66.8368, 64.8918, 66.9023



57.5244, 64.8918, 62.4372



56.7912, 64.8918, 74.5478

Sweetspot

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



66.0282, 64.8946, 79.5678



92.6579, 95.2158, 108.1026



60.5415, 62.1786, 79.3328



19.6992, 20.1134, 23.0940



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.



66.0282, 64.8946, 79.5678



87.4478, 84.7957, 106.3660



64.8161, 64.4098, 73.1849



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0776



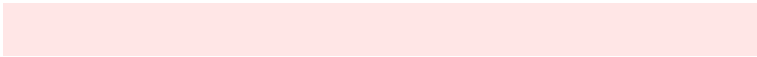
1.7831, 0.8565, 2.9166

Inverse Universe

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



63.5936, 63.9208, 66.7473



83.6107, 83.2609, 86.1596



63.9958, 71.1565, 74.1051



13.7073, 13.7006, 14.2288



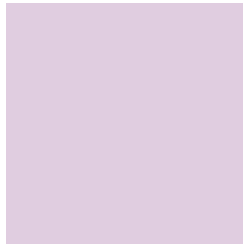
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 66.0263, 64.8918, 79.5664 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 66.0263, 64.8918, 79.5664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

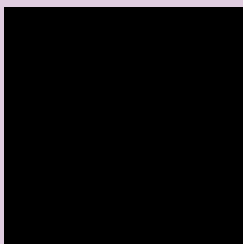
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

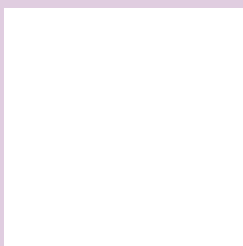
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0263, 64.8918, 79.5664

Background



This preview shows how black text looks on a background with the XYZ color 66.0263, 64.8918, 79.5664.



This preview shows how white text looks on a background with the XYZ color 66.0263, 64.8918,

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

66.0263, 64.8918, 79.5664

Protanopia

63.2439, 64.8486, 81.8568

Deuteranopia

66.3372, 65.0520, 79.5810



Tritanopia

65.7566, 64.7839, 78.1460

Trichromacy



Original Color

66.0263, 64.8918, 79.5664

Protanomaly

64.3077, 65.0498, 81.1180

Deuteranomaly

66.3372, 65.0520, 79.5810

Tritanomaly

65.8911, 64.8376, 78.8541

Monochromacy



Original Color

66.0263, 64.8918, 79.5664

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1863, 65.8547, 74.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0263, 64.8918, 79.5664 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, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 224)  
}
```

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, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.0263, 64.8918, 79.5664 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, 205, 224) }
```


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

```
.border{ border-color:rgb(224, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0263, 64.8918, 79.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 224) }
```

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

```
.background{ background-color: rgb(224,  
205, 224) }
```

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