

Converting Colors

XYZ(67.4058, 66.0822, 81.3860)

Have a look what the booklet for
XYZ(67.4058, 66.0822, 81.3860)
contains.

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Color

**XYZ(67.1628, 65.8024,
81.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CEE2
RGB	226, 206, 226
RGB Percent	89%, 81%, 89%
CMY	0.1137, 0.1921, 0.1137
CMYK	0.00, 0.09, 0.00, 0.11
HSL	300°, 26%, 85%
HSV	300°, 9%, 89%
XYZ	67.1628, 65.8024, 81.1128
YIQ	214.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

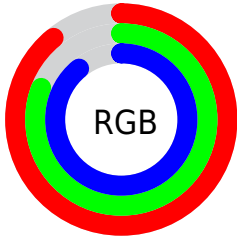
Format	Color
R _Y B	226, 206, 226
Decimal	14864098
CIE Lab	84.90, 10.45, -7.35
CIE LCh	85, 12.777, 324.905
Yxy	65.8024, 0.3137, 0.3074
Android (android.graphics.Color)	4293054178 (0xFFE2CEE2)
YUV	214.2600, 5.7878, 10.2960
Hunter-Lab	81.1187, 5.8327, -2.5026

Details

The XYZ color **67.1628, 65.8024, 81.1128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7931, 71.9726, 68.9258**, and the grayscale version is **64.0529, 67.3886, 73.3862**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3735, 34.0547, 43.2369** is the 20% darker color. If you saturate the color by 10%, you get **62.1093, 55.6944, 79.4291**, and if you desaturate by 10%, it is **73.0024, 77.4806, 83.0601**.

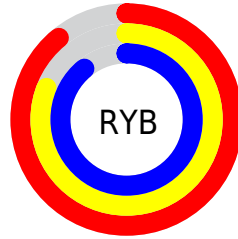
Distribution



Red (89%)

Green (81%)

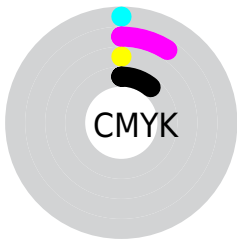
Blue (89%)



Red (89%)

Yellow (81%)

Blue (89%)

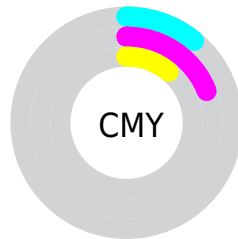


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1628, 65.8024, 81.1128 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 67.1628, 65.8024, 81.1128 by changing the saturation by 10% instead.

67.1628, 65.8024,
81.1128

67.1628, 65.8024,
81.1128

439.9474,
445.6699, 518.4805

49.4881, 48.1120,
60.1030

114.2022,
113.2027, 136.7546

35.2230, 33.9156,
43.0758

144.2976,
143.6814, 172.2237

24.0020, 22.8288,
29.6127

179.2639,
179.1916, 213.3496

15.4599, 14.4671,
19.2953

219.4666,
220.1178, 260.5509

9.2312, 8.4463,
11.7049

265.2709,
266.8443, 314.2461

4.9506, 4.3818,
6.4230

317.0422,

2.2528, 1.8894,

319.7556, 374.8537

3.0310

375.1460,
379.2359, 442.7924

■ 0.7703, 0.5420,
1.1105

■ 0.0000, 0.0000,
0.0000

■ 67.1628, 65.8024,
81.1128

■ 67.1628, 65.8024,
81.1128

■ 62.1093, 55.6944,
79.4291

■ 73.0024, 77.4806,
83.0601

■ 57.8029, 47.0817,
77.9936

■ 79.6536, 90.7830,
85.2772

■ 54.2100, 39.8958,
76.7960

■ 80.8522, 93.1801,
85.6767

■ 51.2920, 34.0599,
75.8233

■ 80.8522, 93.1801,
85.6767

49.0068, 29.4895,
75.0616

80.8522, 93.1801,
85.6767

47.3076, 26.0911,
74.4952

80.8522, 93.1801,
85.6767

46.1410, 23.7579,
74.1063

80.8522, 93.1801,
85.6767

45.4440, 22.3640,
73.8740

80.8522, 93.1801,
85.6767

45.1203, 21.7165,
73.7661

80.8522, 93.1801,
85.6767

Harmonies

Analogous

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



64.8935, 65.8024, 86.9418



67.1628, 65.8024, 81.1128



68.1961, 65.8024, 73.0587

Triad

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



67.1628, 65.8024, 81.1128



63.0340, 65.8024, 57.0451



57.6755, 65.8024, 78.5037

Complementary

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



67.1628, 65.8024, 81.1128



63.7931, 71.9726, 68.9258

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.



57.2117, 65.8024, 70.2549



67.1628, 65.8024, 81.1128



60.2504, 65.8024, 58.2613

Square

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



67.1628, 65.8024, 81.1128



65.7663, 65.8024, 59.4912



58.1405, 65.8024, 62.9490



59.4272, 65.8024, 85.3566

Rectangle

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



67.1628, 65.8024, 81.1128



68.0228, 65.8024, 67.6630



58.1405, 65.8024, 62.9490



57.3661, 65.8024, 75.7857

Sweetspot

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



67.1647, 65.8052, 81.1142



92.6579, 95.2158, 108.1026



61.3357, 62.9195, 80.8644



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.



67.1647, 65.8052, 81.1142



86.7454, 83.3908, 106.1318



65.8753, 65.2895, 74.3243



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0776



1.7831, 0.8565, 2.9166

Inverse Universe

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



64.5783, 64.7707, 67.4943



82.5536, 81.7141, 84.0583



65.0039, 72.4569, 75.3019



13.7073, 13.7006, 14.2288



17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0580

Previews

White Background



This preview shows how the XYZ color 67.1628, 65.8024, 81.1128 looks on a white background.

Color Contrast Check

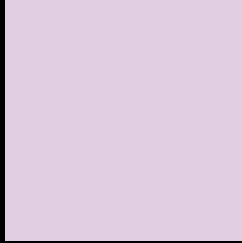
Large Text (above 18pt) WCAG AA × Fail

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 67.1628, 65.8024, 81.1128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

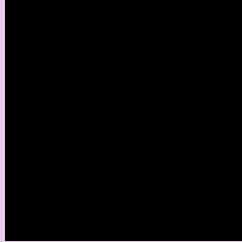
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1628, 65.8024, 81.1128

Background



This preview shows how black text looks on a background with the XYZ color 67.1628, 65.8024, 81.1128.



This preview shows how white text looks on a background with the XYZ color 67.1628, 65.8024,

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

67.1628, 65.8024, 81.1128

Protanopia

64.3011, 66.0946, 83.4972

Deuteranopia

67.1628, 65.8024, 81.1128



Tritanopia

66.9961, 66.1221, 79.0438

Trichromacy



Original Color

67.1628, 65.8024, 81.1128

Protanomaly

65.1230, 65.8013, 82.6674

Deuteranomaly

67.1628, 65.8024, 81.1128

Tritanomaly

67.1314, 66.1762, 79.7561

Monochromacy



Original Color

67.1628, 65.8024, 81.1128

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8626, 66.5559, 75.7576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1628, 65.8024, 81.1128 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(226, 206, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 206, 226)  
}
```

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(226, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 206, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.1628, 65.8024, 81.1128 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(226, 206, 226) }
```


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

```
.border{ border-color:rgb(226, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 206,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1628, 65.8024, 81.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 206, 226) }
```

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

```
.background{ background-color: rgb(226,  
206, 226) }
```

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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