

Converting Colors

XYZ(66.1327, 63.5483, 80.9603)

Have a look what the booklet for
XYZ(66.1327, 63.5483, 80.9603)
contains.

XYZ(65.9781, 63.4330, 80.7179)	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(65.9781, 63.4330,
80.7179)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C9E2
RGB	226, 201, 226
RGB Percent	89%, 79%, 89%
CMY	0.1137, 0.2117, 0.1137
CMYK	0.00, 0.11, 0.00, 0.11
HSL	300°, 30%, 84%
HSV	300°, 11%, 89%
XYZ	65.9781, 63.4330, 80.7179
YIQ	211.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

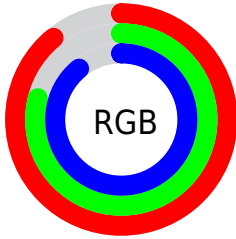
Format	Color
R _Y B	226, 201, 226
Decimal	14862818
CIE Lab	83.67, 13.10, -9.16
CIE LCh	84, 15.991, 325.032
Yxy	63.4330, 0.3140, 0.3019
Android (android.graphics.Color)	4293052898 (0xFFE2C9E2)
YUV	211.3250, 7.2348, 12.8700
Hunter-Lab	79.6448, 8.4916, -4.3374

Details

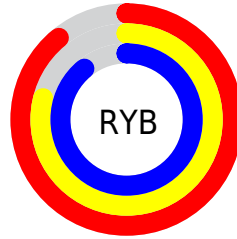
The XYZ color **65.9781, 63.4330, 80.7179** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.8287, 71.0290, 65.7128**, and the grayscale version is **62.0837, 65.3169, 71.1301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5790, 32.4656, 42.9721** is the 20% darker color. If you saturate the color by 10%, you get **61.0932, 53.6623, 79.0903**, and if you desaturate by 10%, it is **71.6418, 74.7594, 82.6066**.

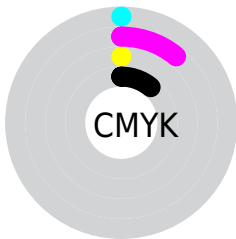
Distribution



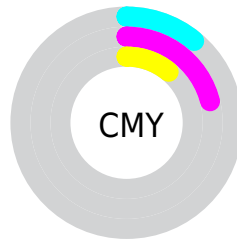
- Red (89%)
- Green (79%)
- Blue (89%)



- Red (89%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9781, 63.4330, 80.7179 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 65.9781, 63.4330, 80.7179 by changing the saturation by 10% instead.

65.9781, 63.4330,
80.7179

65.9781, 63.4330,
80.7179

435.7884,
437.1392, 517.1193

48.5223, 46.1916,
59.7797

112.5128,
109.7940, 136.1951

34.4536, 32.3970,
42.8169

142.3224,
139.6823, 171.5711

23.4068, 21.6649,
29.4112

176.9806,
174.5551, 212.5968

15.0166, 13.6109,
19.1438

216.8528,
214.7967, 259.6907

8.9174, 7.8506,
11.5964

262.3043,
260.7915, 313.2714

4.7440, 3.9995,
6.3503

313.7005,

2.1311, 1.6733,

312.9239, 373.7574

2.9870

371.4068,
371.5784, 441.5672

■ 0.7060, 0.4063,
1.0880

■ 0.0000, 0.0000,
0.0000

■ 65.9781, 63.4330,
80.7179

■ 65.9781, 63.4330,
80.7179

■ 61.0932, 53.6623,
79.0903

■ 71.6418, 74.7594,
82.6066

■ 56.9479, 45.3715,
77.7086

■ 78.1104, 87.6966,
84.7628

■ 53.5077, 38.4912,
76.5618

■ 80.8521, 93.1800,
85.6767

■ 50.7335, 32.9428,
75.6371

■ 80.8521, 93.1800,
85.6767

48.5822, 28.6402,
74.9200

80.8521, 93.1800,
85.6767

47.0057, 25.4872,
74.3945

80.8521, 93.1800,
85.6767

45.9489, 23.3736,
74.0422

80.8521, 93.1800,
85.6767

45.3459, 22.1676,
73.8412

80.8521, 93.1800,
85.6767

45.0921, 21.6600,
73.7566

80.8521, 93.1800,
85.6767

Harmonies

Analogous

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



63.1848, 63.4330, 88.0520



65.9781, 63.4330, 80.7179



67.2500, 63.4330, 70.7511

Triad

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



65.9781, 63.4330, 80.7179



60.8761, 63.4330, 51.5849



54.3946, 63.4330, 77.5513

Complementary

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



65.9781, 63.4330, 80.7179



61.8287, 71.0290, 65.7128

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.



53.8297, 63.4330, 67.4114



65.9781, 63.4330, 80.7179



57.4872, 63.4330, 53.0294

Square

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



65.9781, 63.4330, 80.7179



64.2325, 63.4330, 54.4418



54.9408, 63.4330, 58.5963



56.5144, 63.4330, 86.1033

Rectangle

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



65.9781, 63.4330, 80.7179



67.0297, 63.4330, 64.1869



54.9408, 63.4330, 58.5963



54.0201, 63.4330, 74.1900

Sweetspot

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



65.9800, 63.4357, 80.7193



92.6579, 95.2158, 108.1026



58.7043, 59.6850, 80.3788



19.6993, 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.



65.9800, 63.4357, 80.7193



85.3714, 80.6429, 105.6738



64.3266, 62.7744, 72.0125



14.2951, 13.9357, 17.3241



25.7247, 12.3569, 42.0776



1.7831, 0.8565, 2.9166

Inverse Universe

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



65.9800, 63.4357, 80.7193



85.3714, 80.6429, 105.6738



63.3598, 71.6414, 73.7750



14.2951, 13.9357, 17.3241



25.7247, 12.3569, 42.0776



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 65.9781, 63.4330, 80.7179 looks on a white background.

Color Contrast Check

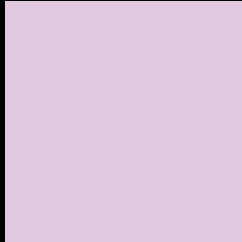
Large Text (above 18pt) WCAG AA × Fail

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 65.9781, 63.4330, 80.7179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

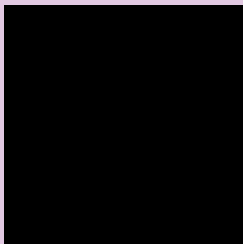
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9781, 63.4330, 80.7179

Background



This preview shows how black text looks on a background with the XYZ color 65.9781, 63.4330, 80.7179.



This preview shows how white text looks on a background with the XYZ color 65.9781, 63.4330,

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

65.9781, 63.4330, 80.7179

Protanopia

62.0494, 63.4606, 83.8417

Deuteranopia

64.9022, 63.5750, 80.8020



Tritanopia

64.8268, 63.3106, 75.1331

Trichromacy



Original Color

65.9781, 63.4330, 80.7179

Protanomaly

63.4148, 63.4659, 83.0366

Deuteranomaly

65.2794, 63.4200, 80.7522

Tritanomaly

65.2230, 63.4691, 77.2197

Monochromacy



Original Color

65.9781, 63.4330, 80.7179

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0264, 64.1824, 74.0323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9781, 63.4330, 80.7179 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, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 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, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.9781, 63.4330, 80.7179 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, 201, 226) }
```


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

```
.border{ border-color:rgb(226, 201, 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, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 201, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 201, 226); box-shadow:4px 4px 4px 4px rgb(226, 201, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9781, 63.4330, 80.7179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 226) }
```

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

```
.background{ background-color: rgb(226,  
201, 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](#).

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