

Converting Colors

XYZ(67.0382, 65.8682, 81.3639)

Have a look what the booklet for
XYZ(67.0382, 65.8682, 81.3639)
contains.

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Color

**XYZ(66.8501, 65.6412,
81.0981)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CEE2
RGB	225, 206, 226
RGB Percent	88%, 81%, 89%
CMY	0.1176, 0.1921, 0.1137
CMYK	0.00, 0.09, 0.00, 0.11
HSL	297°, 26%, 85%
HSV	297°, 9%, 89%
XYZ	66.8501, 65.6412, 81.0981
YIQ	213.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

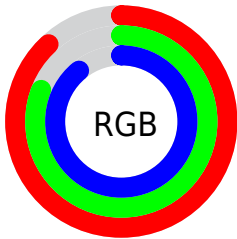
Format	Color
R _{YB}	225, 206, 226
Decimal	14798562
CIE _{Lab}	84.81, 10.12, -7.48
CIE _{LCh}	85, 12.580, 323.534
Yxy	65.6412, 0.3130, 0.3073
Android (android.graphics.Color)	4292988642 (0xFFE1CEE2)
YUV	213.9610, 5.9352, 9.6812
Hunter-Lab	81.0193, 5.4991, -2.6342

Details

The XYZ color **66.8501, 65.6412, 81.0981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0715, 72.1161, 68.9388**, and the grayscale version is **63.8510, 67.1762, 73.1549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1565, 33.9428, 43.2267** is the 20% darker color. If you saturate the color by 10%, you get **61.4454, 55.3522, 79.3980**, and if you desaturate by 10%, it is **73.0432, 77.5016, 83.0620**.

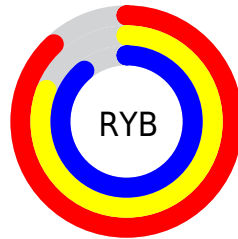
Distribution



Red (88%)

Green (81%)

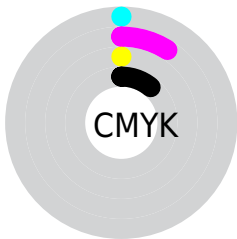
Blue (89%)



Red (88%)

Yellow (81%)

Blue (89%)

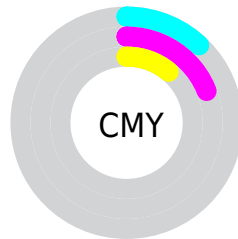


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8501, 65.6412, 81.0981 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 66.8501, 65.6412, 81.0981 by changing the saturation by 10% instead.

66.8501, 65.6412,
81.0981

66.8501, 65.6412,
81.0981

438.8519,
445.0926, 518.4299

49.2331, 47.9812,
60.0909

113.7566,
112.9712, 136.7338

35.0197, 33.8120,
43.0661

143.7767,
143.4100, 172.1994

23.8446, 22.7492,
29.6052

178.6620,
178.8772, 213.3216

15.3425, 14.4084,
19.2896

218.7777,
219.7571, 260.5189

9.1480, 8.4053,
11.7008

264.4891,
266.4342, 314.2098

4.8957, 4.3554,
6.4202

316.1618,

2.2203, 1.8743,

319.2929, 374.8129

3.0294

374.1609,
378.7176, 442.7468

■ 0.7534, 0.5328,
1.1097

■ 0.0000, 0.0000,
0.0000

■ 66.8501, 65.6412,
81.0981

■ 66.8501, 65.6412,
81.0981

■ 61.4454, 55.3522,
79.3980

■ 73.0432, 77.5016,
83.0620

■ 56.7902, 46.5596,
77.9462

■ 80.0503, 90.9874,
85.2957

■ 52.8507, 39.1951,
76.7323

■ 81.6070, 93.5692,
85.7120

■ 49.5885, 33.1817,
75.7435

■ 81.9675, 93.7551,
85.7288

46.9615, 28.4351,
74.9658

82.3304, 93.9421,
85.7458

44.9226, 24.8616,
74.3835

82.6957, 94.1304,
85.7629

43.4188, 22.3546,
73.9789

83.0633, 94.3199,
85.7801

42.3868, 20.7880,
73.7309

83.4333, 94.5107,
85.7974

41.7304, 19.9690,
73.6074

83.8056, 94.7026,
85.8148

Harmonies

Analogous

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



64.5788, 65.6412, 86.6652



66.8501, 65.6412, 81.0981



67.9307, 65.6412, 73.2339

Triad

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



66.8501, 65.6412, 81.0981



63.0022, 65.6412, 57.1342



57.5526, 65.6412, 77.8497

Complementary

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



66.8501, 65.6412, 81.0981



64.0715, 72.1161, 68.9388

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.



57.1591, 65.6412, 69.7388



66.8501, 65.6412, 81.0981



60.2512, 65.6412, 58.1673

Square

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



66.8501, 65.6412, 81.0981



65.6663, 65.6412, 59.7039



58.1328, 65.6412, 62.6397



59.2245, 65.6412, 84.6932

Rectangle

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



66.8501, 65.6412, 81.0981



67.8080, 65.6412, 67.9014



58.1328, 65.6412, 62.6397



57.2686, 65.6412, 75.1659

Sweetspot

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



66.8520, 65.6440, 81.0995



92.5173, 95.1433, 108.0961



61.5776, 63.4035, 80.9450



19.6611, 20.0937, 23.0922



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.



66.8520, 65.6440, 81.0995



86.2312, 83.1258, 106.1077



66.0052, 65.3414, 75.0086



14.2238, 13.8989, 17.3208



23.7999, 11.3646, 41.9876



1.6708, 0.7986, 2.9113

Inverse Universe

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



64.7002, 64.8194, 68.1362



82.7480, 81.7919, 85.0819



64.8752, 72.4054, 74.6244



13.7349, 13.7116, 14.3741



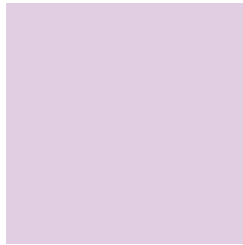
17.9414, 9.2436, 1.0912



1.2535, 0.6447, 0.1279

Previews

White Background



This preview shows how the XYZ color 66.8501, 65.6412, 81.0981 looks on a white background.

Color Contrast Check

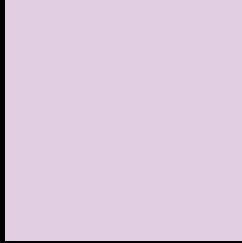
Large Text (above 18pt) WCAG AA × Fail

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 66.8501, 65.6412, 81.0981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

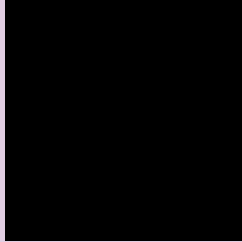
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8501, 65.6412, 81.0981

Background



This preview shows how black text looks on a background with the XYZ color 66.8501, 65.6412, 81.0981.



This preview shows how white text looks on a background with the XYZ color 66.8501, 65.6412,

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

66.8501, 65.6412, 81.0981

Protanopia

64.0534, 65.5992, 83.4147

Deuteranopia

67.1628, 65.8024, 81.1128



Tritanopia

66.6834, 65.9609, 79.0292

Trichromacy



Original Color

66.8501, 65.6412, 81.0981

Protanomaly

65.1230, 65.8013, 82.6674

Deuteranomaly

67.1628, 65.8024, 81.1128

Tritanomaly

66.8187, 66.0150, 79.7415

Monochromacy



Original Color

66.8501, 65.6412, 81.0981

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 66.8501, 65.6412, 81.0981 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(225, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 206, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.8501, 65.6412, 81.0981 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(225, 206, 226) }
```


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

```
.border{ border-color:rgb(225, 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(225, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 206,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8501, 65.6412, 81.0981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 206, 226) }
```

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

```
.background{ background-color: rgb(225,  
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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