

Converting Colors

XYZ(65.8512, 64.5787, 78.3288)

Have a look what the booklet for
XYZ(65.8512, 64.5787, 78.3288)
contains.

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Color

**XYZ(65.8290, 64.4672,
78.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CCDE
RGB	225, 204, 222
RGB Percent	88%, 80%, 87%
CMY	0.1176, 0.2000, 0.1294
CMYK	0.00, 0.09, 0.01, 0.12
HSL	309°, 26%, 84%
HSV	309°, 9%, 88%
XYZ	65.8290, 64.4672, 78.0811
YIQ	212.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

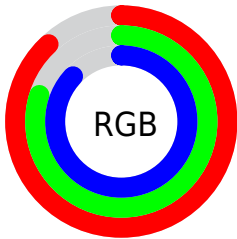
Format	Color
R _Y B	225, 204, 222
Decimal	14798046
CIE _{Lab}	84.21, 10.45, -6.24
CIE _{LCh}	84, 12.171, 329.141
Y _{xy}	64.4672, 0.3159, 0.3094
Android (android.graphics.Color)	4292988126 (0xFFE1CCDE)
YUV	212.3310, 4.7668, 11.1107
Hunter-Lab	80.2915, 5.8377, -1.4538

Details

The XYZ color **65.8290, 64.4672, 78.0811** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0920, 71.1945, 69.4514**, and the grayscale version is **62.7672, 66.0360, 71.9132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4590, 33.1488, 41.1414** is the 20% darker color. If you saturate the color by 10%, you get **60.4366, 54.3645, 74.1786**, and if you desaturate by 10%, it is **72.0059, 76.1238, 82.2872**.

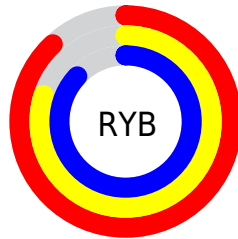
Distribution



Red (88%)

Green (80%)

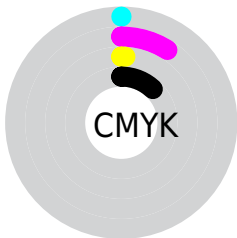
Blue (87%)



Red (88%)

Yellow (80%)

Blue (87%)

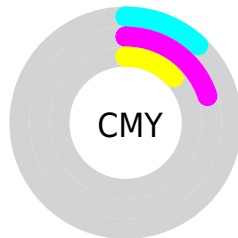


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8290, 64.4672, 78.0811 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 65.8290, 64.4672, 78.0811 by changing the saturation by 10% instead.

65.8290, 64.4672,
78.0811

65.8290, 64.4672,
78.0811

435.2634,
440.8748, 507.9774

48.4008, 47.0292,
57.6238

112.3000,
111.2835, 132.4514

34.3570, 33.0587,
41.0936

142.0734,
141.4306, 167.2013

23.3321, 22.1714,
28.0719

176.6927,
176.5828, 207.5526

14.9610, 13.9829,
18.1404

216.5231,
217.1246, 253.9238

8.8782, 8.1088,
10.8803

261.9300,
263.4402, 306.7333

4.7183, 4.1646,
5.8733

313.2788,

2.1160, 1.7661,

315.9143, 366.3997

2.7006

370.9348,
374.9310, 433.3415

■ 0.6979, 0.4659,
0.9437

■ 0.0000, 0.0000,
0.0000

■ 65.8290, 64.4672,
78.0811

■ 65.8290, 64.4672,
78.0811

■ 60.4366, 54.3645,
74.1786

■ 72.0059, 76.1238,
82.2872

■ 55.7901, 45.7415,
70.5643

■ 78.9927, 89.3880,
86.8032

■ 51.8559, 38.5301,
67.2275

■ 81.3270, 93.3339,
89.8094

■ 48.5958, 32.6539,
64.1553

■ 81.7871, 93.5179,
92.2321

45.9678, 28.0292,
61.3334

82.2555, 93.7053,
94.6989

43.9254, 24.5626,
58.7461

82.7324, 93.8960,
97.2102

42.4152, 22.1480,
56.3755

83.2178, 94.0902,
99.7661

41.3745, 20.6596,
54.2002

83.7117, 94.2877,
102.3670

40.7012, 19.8937,
52.1862

84.2141, 94.4887,
105.0129

Harmonies

Analogous

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



63.8312, 64.4672, 83.9641



65.8290, 64.4672, 78.0811



66.6006, 64.4672, 70.4165

Triad

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



65.8290, 64.4672, 78.0811



61.3519, 64.4672, 56.3813



56.8604, 64.4672, 77.6681

Complementary

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



65.8290, 64.4672, 78.0811



63.0920, 71.1945, 69.4514

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.



56.2395, 64.4672, 69.9716



65.8290, 64.4672, 78.0811



58.7863, 64.4672, 58.0179

Square

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



65.8290, 64.4672, 78.0811



63.9696, 64.4672, 58.2141



56.9344, 64.4672, 62.8564



58.6555, 64.4672, 83.7137

Rectangle

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



65.8290, 64.4672, 78.0811



66.2989, 64.4672, 65.4413



56.9344, 64.4672, 62.8564



56.5099, 64.4672, 75.1711

Sweetspot

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



65.8309, 64.4700, 78.0825



92.4824, 95.1456, 107.1784



60.8625, 61.8618, 79.9679



19.6517, 20.0944, 22.8435



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.



65.8309, 64.4700, 78.0825



86.1068, 83.1354, 102.7687



64.4922, 63.9345, 71.0331



14.2064, 13.9002, 16.8571



23.4637, 11.4525, 30.1711



1.6498, 0.8032, 2.2145

Inverse Universe

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



65.8309, 64.4700, 78.0825



86.1068, 83.1354, 102.7687



64.3927, 71.7148, 76.3008



14.2064, 13.9002, 16.8571



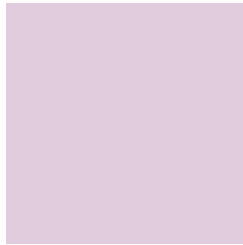
23.4637, 11.4525, 30.1711



1.6498, 0.8032, 2.2145

Previews

White Background



This preview shows how the XYZ color 65.8290, 64.4672, 78.0811 looks on a white background.

Color Contrast Check

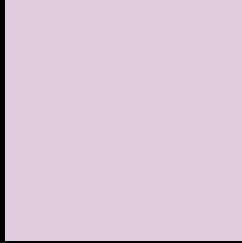
Large Text (above 18pt) WCAG AA × Fail

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 65.8290, 64.4672, 78.0811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

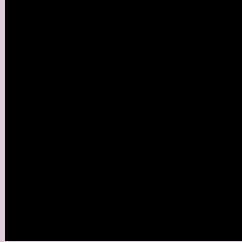
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8290, 64.4672, 78.0811

Background



This preview shows how black text looks on a background with the XYZ color 65.8290, 64.4672, 78.0811.

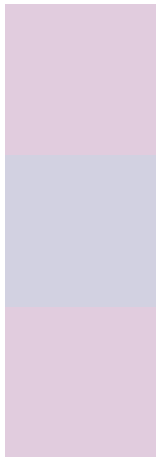


This preview shows how white text looks on a background with the XYZ color 65.8290, 64.4672,

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

65.8290, 64.4672, 78.0811

Protanopia

62.9694, 64.7388, 80.4112

Deuteranopia

65.8290, 64.4672, 78.0811



Tritanopia

65.5625, 64.3606, 76.6775

Trichromacy



Original Color

65.8290, 64.4672, 78.0811

Protanomaly

63.7917, 64.4545, 79.5998

Deuteranomaly

65.8290, 64.4672, 78.0811

Tritanomaly

65.6953, 64.4137, 77.3772

Monochromacy



Original Color

65.8290, 64.4672, 78.0811

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8104, 65.3105, 74.2088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8290, 64.4672, 78.0811 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, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 222)  
}
```

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, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.8290, 64.4672, 78.0811 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, 204, 222) }
```


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

```
.border{ border-color:rgb(225, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8290, 64.4672, 78.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 222) }
```

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

```
.background{ background-color: rgb(225,  
204, 222) }
```

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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