

Converting Colors

XYZ(66.4368, 64.5580, 80.2276)

Have a look what the booklet for
XYZ(66.4368, 64.5580, 80.2276)
contains.

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Color

**XYZ(66.5475, 64.7907,
80.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CCE1
RGB	226, 204, 225
RGB Percent	89%, 80%, 88%
CMY	0.1137, 0.2000, 0.1176
CMYK	0.00, 0.10, 0.00, 0.11
HSL	303°, 27%, 84%
HSV	303°, 10%, 89%
XYZ	66.5475, 64.7907, 80.2326
YIQ	212.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

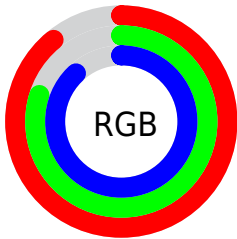
Format	Color
R _Y B	226, 204, 225
Decimal	14863585
CIE Lab	84.38, 11.33, -7.58
CIE LCh	84, 13.634, 326.204
Yxy	64.7907, 0.3145, 0.3062
Android (android.graphics.Color)	4293053665 (0xFFE2CCE1)
YUV	212.9720, 5.9298, 11.4256
Hunter-Lab	80.4927, 6.7131, -2.7536

Details

The XYZ color **66.5475, 64.7907, 80.2326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1201, 71.6397, 68.2620**, and the grayscale version is **63.1873, 66.4780, 72.3946**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9566, 33.3729, 42.6294** is the 20% darker color. If you saturate the color by 10%, you get **61.4218, 54.7621, 77.8352**, and if you desaturate by 10%, it is **72.4572, 76.3841, 82.8970**.

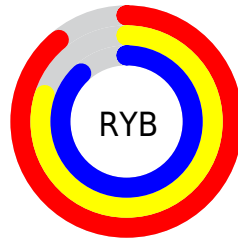
Distribution



Red (89%)

Green (80%)

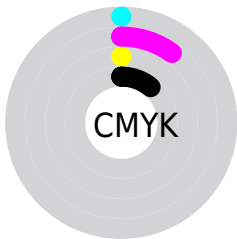
Blue (88%)



Red (89%)

Yellow (80%)

Blue (88%)

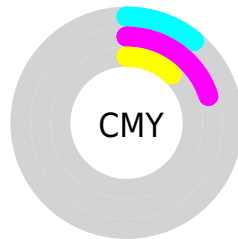


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5475, 64.7907, 80.2326 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 66.5475, 64.7907, 80.2326 by changing the saturation by 10% instead.

66.5475, 64.7907,
80.2326

66.5475, 64.7907,
80.2326

437.7902,
442.0395, 515.4438

48.9863, 47.2914,
59.3825

113.3252,
111.7489, 135.5071

34.8231, 33.2661,
42.4991

143.2724,
141.9766, 170.7685

23.6925, 22.3303,
29.1638

178.0790,
177.2158, 211.6708

15.2292, 14.0998,
18.9581

218.1103,
217.8510, 258.6324

9.0678, 8.1901,
11.4635

263.7317,
264.2666, 312.0720

4.8429, 4.2169,
6.2614

315.3086,

2.1892, 1.7956,

316.8469, 372.4081

2.9333

373.2063,
375.9764, 440.0592

■ 0.7370, 0.4844,
1.0607

■ 0.0000, 0.0000,
0.0000

■ 66.5475, 64.7907,
80.2326

■ 66.5475, 64.7907,
80.2326

■ 61.4218, 54.7621,
77.8352

■ 72.4572, 76.3841,
82.8970

■ 57.0411, 46.2230,
75.6895

■ 79.1767, 89.5966,
85.8348

■ 53.3714, 39.1046,
73.7850

■ 81.1398, 93.2951,
87.1913

■ 50.3739, 33.3293,
72.1087

■ 81.2830, 93.3524,
87.9453

48.0061, 28.8120,
70.6464

81.4270, 93.4100,
88.7038

46.2207, 25.4581,
69.3824

81.5719, 93.4680,
89.4668

44.9637, 23.1596,
68.2986

81.7176, 93.5262,
90.2343

44.1708, 21.7883,
67.3736

81.8642, 93.5849,
91.0062

43.7338, 21.1272,
66.5714

82.0117, 93.6439,
91.7827

Harmonies

Analogous

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



64.1883, 64.7907, 86.5880



66.5475, 64.7907, 80.2326



67.5752, 64.7907, 71.6556

Triad

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



66.5475, 64.7907, 80.2326



61.9678, 64.7907, 55.1829



56.5044, 64.7907, 78.1676

Complementary

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



66.5475, 64.7907, 80.2326



63.1201, 71.6397, 68.2620

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.



55.9533, 64.7907, 69.4481



66.5475, 64.7907, 80.2326



59.0465, 64.7907, 56.6189

Square

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



66.5475, 64.7907, 80.2326



64.8770, 64.7907, 57.5775



56.8691, 64.7907, 61.6723



58.3998, 64.7907, 85.3289

Rectangle

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



66.5475, 64.7907, 80.2326



67.3430, 64.7907, 65.9947



56.8691, 64.7907, 61.6723



56.1586, 64.7907, 75.3020

Sweetspot

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



66.5494, 64.7935, 80.2340



92.6019, 95.1934, 107.8080



60.4265, 61.6212, 80.6619



19.6841, 20.1073, 23.0140



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.



66.5494, 64.7935, 80.2340



85.8301, 81.9173, 104.7256



65.1307, 64.2260, 72.7635



14.2667, 13.9243, 17.1746



24.9564, 12.0496, 38.0317



1.7383, 0.8386, 2.6806

Inverse Universe

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



66.5494, 64.7935, 80.2340



85.8301, 81.9173, 104.7256



64.4606, 72.1759, 75.3212



14.2667, 13.9243, 17.1746



24.9564, 12.0496, 38.0317



1.7383, 0.8386, 2.6806

Previews

White Background



This preview shows how the XYZ color 66.5475, 64.7907, 80.2326 looks on a white background.

Color Contrast Check

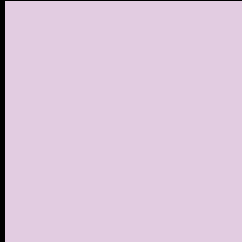
Large Text (above 18pt) WCAG AA × Fail

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 66.5475, 64.7907, 80.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

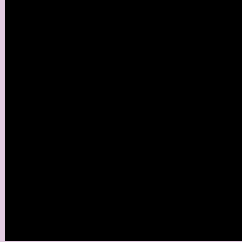
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5475, 64.7907, 80.2326

Background



This preview shows how black text looks on a background with the XYZ color 66.5475, 64.7907, 80.2326.



This preview shows how white text looks on a background with the XYZ color 66.5475, 64.7907,

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

66.5475, 64.7907, 80.2326

Protanopia

63.0986, 64.7577, 82.5726

Deuteranopia

66.4733, 65.1064, 80.2974



Tritanopia

65.9338, 64.8907, 77.4567

Trichromacy



Original Color

66.5475, 64.7907, 80.2326

Protanomaly

64.2023, 64.6188, 81.7619

Deuteranomaly

66.4733, 65.1064, 80.2974

Tritanomaly

66.0675, 64.9441, 78.1606

Monochromacy



Original Color

66.5475, 64.7907, 80.2326

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4844, 66.0084, 74.9878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5475, 64.7907, 80.2326 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, 204, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 225)  
}
```

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, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.5475, 64.7907, 80.2326 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, 204, 225) }
```


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

```
.border{ border-color:rgb(226, 204, 225) }
```

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

Here you see how a box with a 4 pixel rgb(226, 204, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5475, 64.7907, 80.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 225) }
```

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

```
.background{ background-color: rgb(226,  
204, 225) }
```

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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