

Converting Colors

XYZ(66.2097, 64.7737, 79.8276)

Have a look what the booklet for
XYZ(66.2097, 64.7737, 79.8276)
contains.

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Color

**XYZ(66.0987, 64.5751,
79.5015)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CCE0
RGB	225, 204, 224
RGB Percent	88%, 80%, 88%
CMY	0.1176, 0.2000, 0.1216
CMYK	0.00, 0.09, 0.00, 0.12
HSL	303°, 26%, 84%
HSV	303°, 9%, 88%
XYZ	66.0987, 64.5751, 79.5015
YIQ	212.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

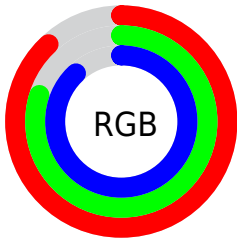
Format	Color
R _Y B	225, 204, 224
Decimal	14798048
CIE Lab	84.26, 10.81, -7.23
CIE LCh	84, 13.003, 326.242
Yxy	64.5751, 0.3145, 0.3072
Android (android.graphics.Color)	4292988128 (0xFFE1CCE0)
YUV	212.5590, 5.6404, 10.9108
Hunter-Lab	80.3586, 6.1969, -2.4065

Details

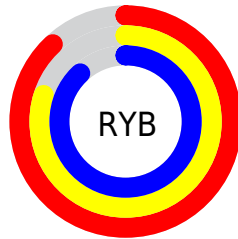
The XYZ color **66.0987, 64.5751, 79.5015** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8489, 71.0972, 68.1715**, and the grayscale version is **62.9137, 66.1901, 72.0810**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6453, 33.2233, 42.1229** is the 20% darker color. If you saturate the color by 10%, you get **60.9883, 54.5853, 77.0841**, and if you desaturate by 10%, it is **71.9863, 76.1160, 82.1841**.

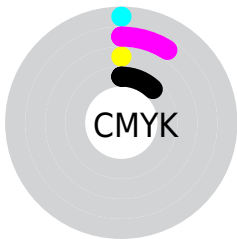
Distribution



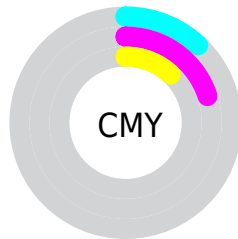
- Red (88%)
- Green (80%)
- Blue (88%)



- Red (88%)
- Yellow (80%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0987, 64.5751, 79.5015 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 66.0987, 64.5751, 79.5015 by changing the saturation by 10% instead.

66.0987, 64.5751,
79.5015

66.0987, 64.5751,
79.5015

436.2129,
441.2635, 512.9137

48.6205, 47.1166,
58.7845

112.6849,
111.4388, 134.4697

34.5318, 33.1279,
42.0208

142.5237,
141.6127, 169.5579

23.4673, 22.2244,
28.7919

177.2134,
176.7940, 210.2737

15.0615, 14.0219,
18.6792

217.1193,
217.3670, 257.0355

8.9492, 8.1359,
11.2643

262.6069,
263.7160, 310.2618

4.7649, 4.1820,
6.1285

314.0414,

2.1433, 1.7759,

316.2255, 370.3713

2.8533

371.7883,
375.2799, 437.7824

■ 0.7126, 0.4721,
1.0202

■ 0.0000, 0.0000,
0.0000

■ 66.0987, 64.5751,
79.5015

■ 66.0987, 64.5751,
79.5015

■ 60.9883, 54.5853,
77.0841

■ 71.9863, 76.1160,
82.1841

■ 56.6166, 46.0721,
74.9166

■ 78.6764, 89.2615,
85.1379

■ 52.9499, 38.9677,
72.9886

■ 80.7067, 93.0857,
86.5430

■ 49.9502, 33.1957,
71.2875

■ 80.8552, 93.1452,
87.3254

47.5754, 28.6722,
69.7992

81.0047, 93.2050,
88.1126

45.7791, 25.3042,
68.5081

81.1552, 93.2651,
88.9047

44.5081, 22.9852,
67.3966

81.3065, 93.3257,
89.7017

43.6995, 21.5896,
66.4437

81.4588, 93.3866,
90.5036

43.2514, 20.9138,
65.6155

81.6120, 93.4479,
91.3104

Harmonies

Analogous

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



63.8590, 64.5751, 85.5237



66.0987, 64.5751, 79.5015



67.0723, 64.5751, 71.3564

Triad

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



66.0987, 64.5751, 79.5015



61.7405, 64.5751, 55.6380



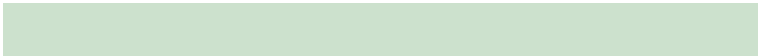
56.5406, 64.5751, 77.5625

Complementary

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



66.0987, 64.5751, 79.5015



62.8489, 71.0972, 68.1715

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.



56.0130, 64.5751, 69.2765



66.0987, 64.5751, 79.5015



58.9596, 64.5751, 57.0191

Square

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



66.0987, 64.5751, 79.5015



64.5069, 64.5751, 57.9282



56.8851, 64.5751, 61.8581



58.3494, 64.5751, 84.3441

Rectangle

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



66.0987, 64.5751, 79.5015



66.8506, 64.5751, 65.9665



56.8851, 64.5751, 61.8581



56.2100, 64.5751, 74.8429

Sweetspot

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



66.1006, 64.5779, 79.5029



92.5993, 95.1924, 107.7940



60.2805, 61.5618, 79.9405



19.6834, 20.1070, 23.0103



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.



66.1006, 64.5779, 79.5029



86.5311, 83.3051, 105.0031



64.7583, 64.0410, 72.4348



14.2654, 13.9238, 17.1675



24.9212, 12.0355, 37.8462



1.7362, 0.8378, 2.6697

Inverse Universe

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



66.1006, 64.5779, 79.5029



86.5311, 83.3051, 105.0031



64.1207, 71.6060, 74.8687



14.2654, 13.9238, 17.1675



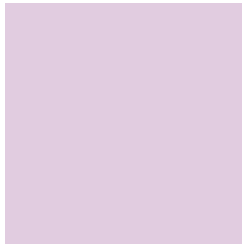
24.9212, 12.0355, 37.8462



1.7362, 0.8378, 2.6697

Previews

White Background



This preview shows how the XYZ color 66.0987, 64.5751, 79.5015 looks on a white background.

Color Contrast Check

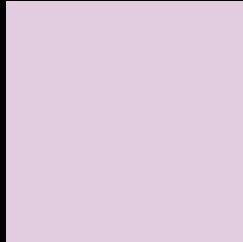
Large Text (above 18pt) WCAG AA × Fail

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 66.0987, 64.5751, 79.5015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

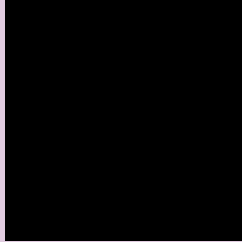
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0987, 64.5751, 79.5015

Background



This preview shows how black text looks on a background with the XYZ color 66.0987, 64.5751, 79.5015.



This preview shows how white text looks on a background with the XYZ color 66.0987, 64.5751,

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

66.0987, 64.5751, 79.5015

Protanopia

62.9601, 64.7023, 81.8435

Deuteranopia

65.7879, 64.4148, 79.4869



Tritanopia

65.9338, 64.8907, 77.4567

Trichromacy



Original Color

66.0987, 64.5751, 79.5015

Protanomaly

64.0646, 64.5637, 81.0370

Deuteranomaly

65.7879, 64.4148, 79.4869

Tritanomaly

66.0675, 64.9441, 78.1606

Monochromacy



Original Color

66.0987, 64.5751, 79.5015

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1863, 65.8547, 74.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0987, 64.5751, 79.5015 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.0987, 64.5751, 79.5015 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, 224) }
```


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

```
.border{ border-color:rgb(225, 204, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 204,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0987, 64.5751, 79.5015 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, 224) }
```

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

```
.background{ background-color: rgb(225,  
204, 224) }
```

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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