

Converting Colors

XYZ(66.3802, 64.9450, 69.3586)

Have a look what the booklet for
XYZ(66.3802, 64.9450, 69.3586)
contains.

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Color

**XYZ(66.3802, 64.9450,
69.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CCD1
RGB	232, 204, 209
RGB Percent	91%, 80%, 82%
CMY	0.0902, 0.2000, 0.1804
CMYK	0.00, 0.12, 0.10, 0.09
HSL	349°, 38%, 85%
HSV	349°, 12%, 91%
XYZ	66.3802, 64.9450, 69.3586
YIQ	212.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

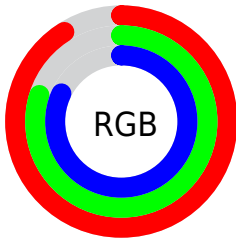
Format	Color
R _Y B	232, 204, 209
Decimal	15256785
CIE Lab	84.46, 10.61, 1.11
CIE LCh	84, 10.673, 5.990
Yxy	64.9450, 0.3308, 0.3236
Android (android.graphics.Color)	4293446865 (0xFFE8CCD1)
YUV	212.9420, -1.9434, 16.7139
Hunter-Lab	80.5885, 5.9995, 5.3839

Details

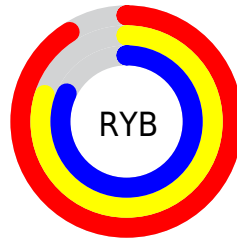
The XYZ color **66.3802, 64.9450, 69.3586** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6261, 76.0983, 83.8010**, and the grayscale version is **63.2141, 66.5062, 72.4252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7272, 33.4094, 35.6287** is the 20% darker color. If you saturate the color by 10%, you get **59.0512, 53.8398, 55.9614**, and if you desaturate by 10%, it is **74.8165, 77.8116, 84.5194**.

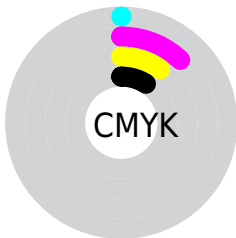
Distribution



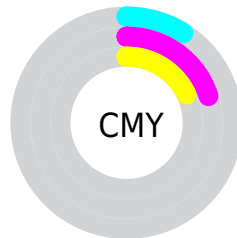
- Red (91%)
- Green (80%)
- Blue (82%)



- Red (91%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3802, 64.9450, 69.3586 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 66.3802, 64.9450, 69.3586 by changing the saturation by 10% instead.

66.3802, 64.9450,
69.3586

66.3802, 64.9450,
69.3586

437.2026,
442.5943, 477.0229

48.8499, 47.4165,
50.5302

113.0866,
111.9708, 119.9661

34.7145, 33.3650,
35.4608

142.9934,
142.2368, 152.5824

23.6085, 22.4062,
23.7316

177.7564,
177.5175, 190.6317

15.1666, 14.1557,
14.9243

217.7411,
218.1972, 234.5326

9.0235, 8.2290,
8.6202

263.3126,
264.6604, 284.7036

4.8137, 4.2418,
4.4009

314.8365,

2.1720, 1.8097,

317.2913, 341.5633

1.8478

372.6781,
376.4745, 405.5302

■ 0.7279, 0.4932,
0.4592

■ 0.0000, 0.0000,
0.0000

■ 66.3802, 64.9450,
69.3586

■ 66.3802, 64.9450,
69.3586

■ 59.0512, 53.8398,
55.9614

■ 74.8165, 77.8116,
84.5194

■ 52.7781, 44.4110,
44.2593

■ 84.3981, 92.5025,
101.5005

■ 47.5131, 36.5796,
34.1854

■ 87.0890, 95.8960,
108.5274

■ 43.2031, 30.2565,
25.6670

■ 39.7895, 25.3444,
18.6254

■ 37.2074, 21.7339,
12.9752

■ 35.3830, 19.3000,
8.6218

■ 34.2286, 17.8925,
5.4581

■ 33.6863, 17.3189,
3.7021

Harmonies

Analogous

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



65.9926, 64.9450, 76.1678



66.3802, 64.9450, 69.3586



65.4958, 64.9450, 63.3067

Triad

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



66.3802, 64.9450, 69.3586



59.0845, 64.9450, 60.6552



59.8895, 64.9450, 83.3406

Complementary

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



66.3802, 64.9450, 69.3586



67.6261, 76.0983, 83.8010

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.



58.1081, 64.9450, 78.6778



66.3802, 64.9450, 69.3586



57.6518, 64.9450, 65.5271

Square

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



66.3802, 64.9450, 69.3586



61.2532, 64.9450, 58.4932



57.2989, 64.9450, 72.0871



62.2058, 64.9450, 84.5286

Rectangle

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



66.3802, 64.9450, 69.3586



64.3168, 64.9450, 60.4216



57.2989, 64.9450, 72.0871



59.2101, 64.9450, 82.1136

Sweetspot

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



66.3820, 64.9479, 69.3600



90.5619, 93.1358, 100.8926



67.7969, 65.3242, 85.3802



19.2088, 19.6673, 21.2815



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.



66.3820, 64.9479, 69.3600



80.3322, 77.5526, 82.4500



67.9406, 69.0394, 66.8753



14.4815, 14.4098, 15.4698



18.7338, 9.6277, 2.2270



1.4151, 0.7238, 0.3265

Inverse Universe

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



66.3820, 64.9479, 69.3600



80.3322, 77.5526, 82.4500



65.8930, 71.5124, 86.6750



14.4815, 14.4098, 15.4698



18.7338, 9.6277, 2.2270



1.4151, 0.7238, 0.3265

Previews

White Background



This preview shows how the XYZ color 66.3802, 64.9450, 69.3586 looks on a white background.

Color Contrast Check

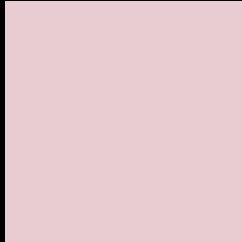
Large Text (above 18pt) WCAG AA × Fail

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 66.3802, 64.9450, 69.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

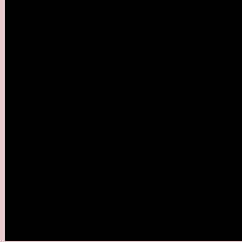
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3802, 64.9450, 69.3586

Background



This preview shows how black text looks on a background with the XYZ color 66.3802, 64.9450, 69.3586.

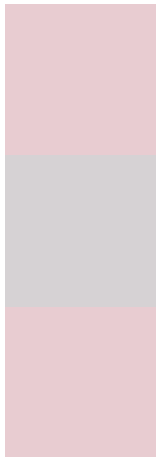


This preview shows how white text looks on a background with the XYZ color 66.3802, 64.9450,

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

66.3802, 64.9450, 69.3586

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

66.3802, 64.9450, 69.3586



Tritanopia

67.6151, 65.0975, 75.3310

Trichromacy



Original Color

66.3802, 64.9450, 69.3586

Protanomaly

64.1325, 65.1871, 70.8302

Deuteranomaly

66.3802, 64.9450, 69.3586

Tritanomaly

67.2260, 64.9418, 73.2818

Monochromacy



Original Color

66.3802, 64.9450, 69.3586

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4455, 66.0623, 71.6420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3802, 64.9450, 69.3586 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(232, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 209)  
}
```

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(232, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.3802, 64.9450, 69.3586 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(232, 204, 209) }
```


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

```
.border{ border-color:rgb(232, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3802, 64.9450, 69.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 209) }
```

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

```
.background{ background-color: rgb(232,  
204, 209) }
```

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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