

Converting Colors

XYZ(66.2805, 57.1285, 66.5603)

Have a look what the booklet for
XYZ(66.2805, 57.1285, 66.5603)
contains.

XYZ(66.2951, 57.1040, 66.5595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.2951, 57.1040,
66.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B4CF
RGB	248, 180, 207
RGB Percent	97%, 71%, 81%
CMY	0.0274, 0.2941, 0.1882
CMYK	0.00, 0.27, 0.17, 0.03
HSL	336°, 83%, 84%
HSV	336°, 27%, 97%
XYZ	66.2951, 57.1040, 66.5595
YIQ	203.4100, 31.8610, 22.8130

Conversions

Conversions Part 2

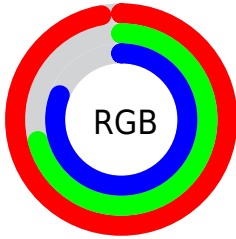
Format	Color
R _Y B	248, 180, 207
Decimal	16299215
CIE Lab	80.24, 28.60, -3.81
CIE LCh	80, 28.856, 352.411
Yxy	57.1040, 0.3490, 0.3006
Android (android.graphics.Color)	4294489295 (0xFFFF8B4CF)
YUV	203.4100, 1.7699, 39.1054
Hunter-Lab	75.5672, 24.3555, 0.6745

Details

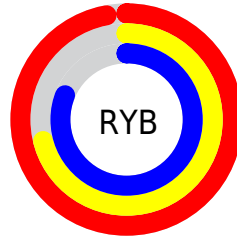
The XYZ color **66.2951, 57.1040, 66.5595** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4433, 82.0599, 80.8004**, and the grayscale version is **56.9990, 59.9674, 65.3045**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **34.8250, 28.5550, 33.8132** is the 20% darker color. If you saturate the color by 10%, you get **59.9869, 47.2758, 55.8600**, and if you desaturate by 10%, it is **73.6754, 68.7981, 78.4720**.

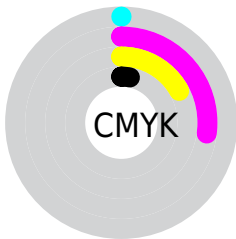
Distribution



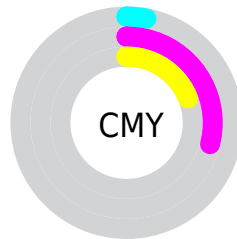
- Red (97%)
- Green (71%)
- Blue (81%)



- Red (97%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (27%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2951, 57.1040, 66.5595 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 66.2951, 57.1040, 66.5595 by changing the saturation by 10% instead.

 66.2951, 57.1040,
66.5595

 66.2951, 57.1040,
66.5595

436.9035,
413.8389, 466.8339

 48.7806, 41.0887,
48.2674

 112.9652,
100.6169, 115.9236

 34.6593, 28.3884,
33.6772


142.8514,
128.8834, 147.8327

 23.5658, 18.6187,
22.3704


177.5923,
162.0024, 185.1179

 15.1348, 11.3951,
13.9284

217.5532,
200.3583, 228.1977

 9.0010, 6.3332,
7.9327

263.0994,
244.3355, 277.4907

 4.7990, 3.0487,
3.9647

314.5963,

 2.1633, 1.1572,

294.3184, 333.4153

1.6060

372.4092,
350.6914, 396.3902

■ 0.7233, 0.0264,
0.2951

■ 0.0000, 0.0000,
0.0000

■ 66.2951, 57.1040,
66.5595

■ 66.2951, 57.1040,
66.5595

■ 59.9869, 47.2758,
55.8600

■ 73.6754, 68.7981,
78.4720

■ 54.6935, 39.2081,
46.3289

■ 82.1718, 82.4404,
91.6329

■ 50.3591, 32.7972,
37.9236

■ 91.8315, 98.1180,
106.0804

■ 46.9206, 27.9250,
30.5971

■ 92.5216, 98.6966,
108.7817

■ 44.3068, 24.4578,
24.2984

■ 42.4342, 22.2382,
18.9711

■ 41.1955, 21.0614,
14.5486

■ 40.9380, 20.8471,
13.5359

Harmonies

Analogous

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



63.7549, 57.1040, 84.1371



66.2951, 57.1040, 66.5595



65.4346, 57.1040, 50.6110

Triad

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



66.2951, 57.1040, 66.5595



50.0708, 57.1040, 36.7508



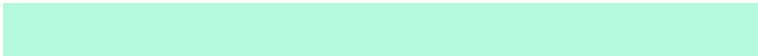
47.6555, 57.1040, 91.5864

Complementary

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



66.2951, 57.1040, 66.5595



65.4433, 82.0599, 80.8004

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.



44.4634, 57.1040, 75.3821



66.2951, 57.1040, 66.5595



45.7859, 57.1040, 44.4141

Square

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



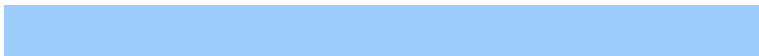
66.2951, 57.1040, 66.5595



55.7852, 57.1040, 35.2463



43.8045, 57.1040, 57.9904



52.7936, 57.1040, 100.1927

Rectangle

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



66.2951, 57.1040, 66.5595



63.0752, 57.1040, 42.7640



43.8045, 57.1040, 57.9904



46.3351, 57.1040, 86.7214

Sweetspot

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



66.2967, 57.1066, 66.5607



86.9662, 86.9008, 96.7459



63.0247, 54.7636, 96.0561



18.3081, 18.1065, 20.2395



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.



66.2967, 57.1066, 66.5607



66.7048, 54.7013, 64.3324



64.6796, 58.7103, 51.1065



17.5300, 17.3394, 19.3810



22.1791, 11.2874, 7.6515



2.1048, 1.0657, 0.9752

Inverse Universe

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



66.2967, 57.1066, 66.5607



66.7048, 54.7013, 64.3324



67.2821, 79.5111, 100.6084



17.5300, 17.3394, 19.3810



22.1791, 11.2874, 7.6515



2.1048, 1.0657, 0.9752

Previews

White Background



This preview shows how the XYZ color 66.2951, 57.1040, 66.5595 looks on a white background.

Color Contrast Check

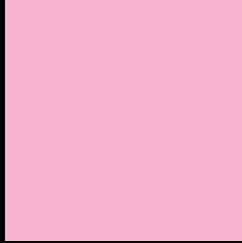
Large Text (above 18pt) WCAG AA × Fail

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 66.2951, 57.1040, 66.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

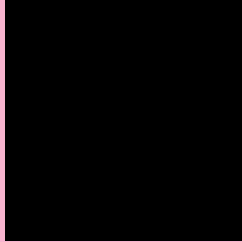
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2951, 57.1040, 66.5595

Background



This preview shows how black text looks on a background with the XYZ color 66.2951, 57.1040, 66.5595.



This preview shows how white text looks on a background with the XYZ color 66.2951, 57.1040,

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

66.2951, 57.1040, 66.5595

Protanopia

56.1377, 57.4559, 74.4610

Deuteranopia

58.4083, 57.1466, 65.7096



Tritanopia

65.0495, 57.2156, 59.8398

Trichromacy



Original Color

66.2951, 57.1040, 66.5595



Protanomaly

59.0873, 56.7156, 71.4513



Deuteranomaly

61.1187, 56.9167, 66.1572



Tritanomaly

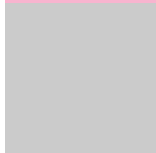
65.3070, 56.9920, 62.2021

Monochromacy



Original Color

66.2951, 57.1040, 66.5595



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.6276, 58.4499, 65.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2951, 57.1040, 66.5595 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(248, 180, 207)` looks like.

```
.text, #text, p{  
    color:rgb(248, 180, 207)  
}
```

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(248, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 180, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.2951, 57.1040, 66.5595 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(248, 180, 207) }
```


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

```
.border{ border-color:rgb(248, 180, 207) }
```

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

Here you see how a box with a 4 pixel rgb(248, 180, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(248, 180,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2951, 57.1040, 66.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 180, 207) }
```

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

```
.background{ background-color: rgb(248,  
180, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor