

Converting Colors

XYZ(127.2946, 83.0314,
60.7810)

Have a look what the booklet for
XYZ(127.2946, 83.0314, 60.7810)
contains.

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Color

**XYZ(63.6611, 50.3417,
57.9914)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA0C3 |
| RGB | 255, 160, 195 |
| RGB Percent | 100%, 63%, 76% |
| CMY | 0.0000, 0.3725, 0.2353 |
| CMYK | 0.00, 0.37, 0.24, 0.00 |
| HSL | 338°, 100%, 81% |
| HSV | 338°, 37%, 100% |
| XYZ | 63.6611, 50.3417, 57.9914 |
| YIQ | 192.3950, 45.3850, 31.0250 |

Conversions

Conversions Part 2

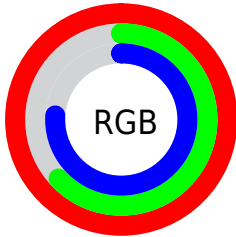
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 160, 195 |
| Decimal | 16752835 |
| CIE Lab | 76.28, 39.72, -3.02 |
| CIE LCh | 76, 39.832, 355.656 |
| Yxy | 50.3417, 0.3701, 0.2927 |
| Android (android.graphics.Color) | 4294942915 (0xFFFFA0C3) |
| YUV | 192.3950, 1.2843, 54.9046 |
| Hunter-Lab | 70.9519, 35.9921, 1.2066 |

Details

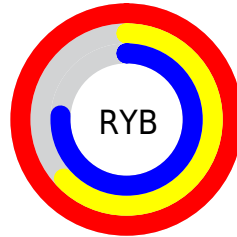
The XYZ color **63.6611, 50.3417, 57.9914** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.1775, 84.1618, 80.6289**, and the grayscale version is **50.3091, 52.9291, 57.6398**.

A 20% lighter version of the original color is **83.2085, 77.3368, 101.8087**, and **32.8304, 24.1742, 28.1350** is the 20% darker color. If you saturate the color by 10%, you get **57.9613, 41.7009, 47.5864**, and if you desaturate by 10%, it is **70.4664, 60.8787, 69.7352**.

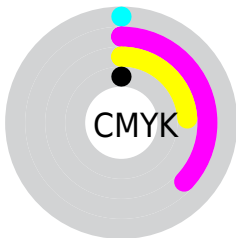
Distribution



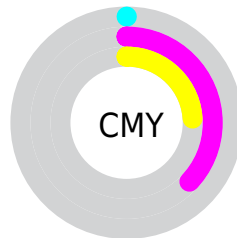
- Red (100%)
- Green (63%)
- Blue (76%)



- Red (100%)
- Yellow (63%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6611, 50.3417, 57.9914 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 63.6611, 50.3417, 57.9914 by changing the saturation by 10% instead.


 63.6611, 50.3417,
57.9914


 63.6611, 50.3417,
57.9914


427.5864,
388.0007, 434.7512

 46.6369, 35.6850,
41.3871

 109.1992, 90.6809,
103.4250

 32.9554, 24.1910,
28.2997


 138.4438,
117.1323, 133.0913

 22.2514, 15.4754,
18.3107

172.4925,
148.2839, 167.9488

 14.1594, 9.1537,
11.0015

211.7108,
184.5203, 208.4158

 8.3140, 4.8416,
5.9537

256.4640,
226.2257, 254.9111

 4.3500, 2.1546,
2.7486

307.1174,

 1.9020, 0.6951,

273.7847, 307.8530

0.9677

364.0365,
327.5815, 367.6603

■ 0.5780, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6611, 50.3417,
57.9914

■ 63.6611, 50.3417,
57.9914

■ 57.9613, 41.7009,
47.5864

■ 70.4664, 60.8787,
69.7352

■ 53.3013, 34.8354,
38.4659

■ 78.4304, 73.4095,
82.8631

■ 49.6138, 29.6209,
30.5760

■ 87.6074, 88.0333,
97.4217

■ 46.8215, 25.9140,
23.8568

95.0500, 100.0000,
108.9000

■ 44.8344, 23.5462,
18.2423

■ 43.5379, 22.3008,
13.6556

■ 43.2577, 22.0671,
12.5549

Harmonies

Analogous

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



60.7258, 50.3417, 81.4746



63.6611, 50.3417, 57.9914



62.0111, 50.3417, 38.8509

Triad

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



63.6611, 50.3417, 57.9914



41.8903, 50.3417, 25.4481



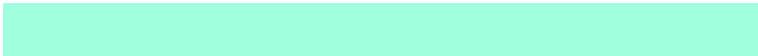
40.1879, 50.3417, 96.3165

Complementary

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



63.6611, 50.3417, 57.9914



63.1775, 84.1618, 80.6289

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.



36.0249, 50.3417, 74.6405



63.6611, 50.3417, 57.9914



36.9336, 50.3417, 34.7135

Square

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



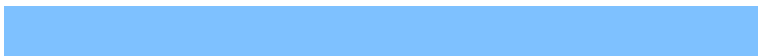
63.6611, 50.3417, 57.9914



48.9454, 50.3417, 23.1577



34.8981, 50.3417, 51.7540



46.7677, 50.3417, 106.9654

Rectangle

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



63.6611, 50.3417, 57.9914



58.6157, 50.3417, 30.3280



34.8981, 50.3417, 51.7540



38.4875, 50.3417, 89.8423

Sweetspot

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



63.6624, 50.3440, 57.9924



84.0229, 82.3018, 91.7953



59.7109, 47.3597, 100.6020



17.7160, 17.1881, 19.2231



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.



63.6624, 50.3440, 57.9924



59.1523, 43.4884, 49.8162



62.1654, 52.9577, 40.2060



18.2860, 18.0977, 20.1233



22.6687, 11.5568, 6.9058



2.2577, 1.1454, 0.9384

Inverse Universe

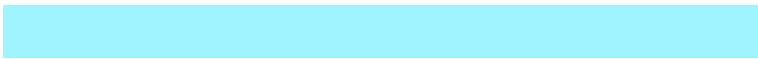
The Inverse Universe completely reimagines the original color for something new.



63.6624, 50.3440, 57.9924



59.1523, 43.4884, 49.8162



64.8743, 79.3459, 106.5038



18.2860, 18.0977, 20.1233



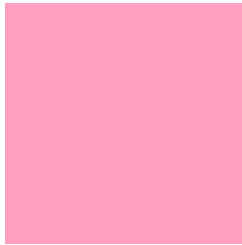
22.6687, 11.5568, 6.9058



2.2577, 1.1454, 0.9384

Previews

White Background



This preview shows how the XYZ color 63.6611, 50.3417, 57.9914 looks on a white background.

Color Contrast Check

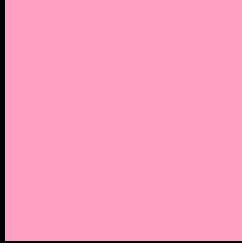
Large Text (above 18pt) WCAG AA × Fail

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 63.6611, 50.3417, 57.9914 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 63.6611, 50.3417, 57.9914

Background



This preview shows how black text looks on a background with the XYZ color 63.6611, 50.3417, 57.9914.



This preview shows how white text looks on a background with the XYZ color 63.6611, 50.3417,

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

63.6611, 50.3417, 57.9914

Protanopia

49.6616, 50.6084, 69.4383

Deuteranopia

51.7911, 50.7504, 56.3563



Tritanopia

61.4417, 50.2116, 47.5278

Trichromacy



Original Color

63.6611, 50.3417, 57.9914



Protanomaly

53.4411, 49.6022, 65.1500



Deuteranomaly

55.5849, 50.3130, 56.6509



Tritanomaly

62.3406, 50.3304, 51.2288

Monochromacy



Original Color

63.6611, 50.3417, 57.9914



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.9712, 50.9398, 57.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6611, 50.3417, 57.9914 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(255, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 195)  
}
```

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(255, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 195) }
```

Border

The CSS property to change the border of an element to XYZ 63.6611, 50.3417, 57.9914 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(255, 160, 195) }
```


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

```
.border{ border-color:rgb(255, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6611, 50.3417, 57.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 195) }
```

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

```
.background{ background-color: rgb(255,  
160, 195) }
```

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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