

Converting Colors

XYZ(63.1897, 50.8271, 60.5130)

Have a look what the booklet for
XYZ(63.1897, 50.8271, 60.5130)
contains.

XYZ(63.1897, 50.8271, 60.5130)	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(63.1897, 50.8271,
60.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA3C7
RGB	251, 163, 199
RGB Percent	98%, 64%, 78%
CMY	0.0157, 0.3608, 0.2196
CMYK	0.00, 0.35, 0.21, 0.02
HSL	335°, 92%, 81%
HSV	335°, 35%, 98%
XYZ	63.1897, 50.8271, 60.5130
YIQ	193.4160, 40.8920, 29.8520

Conversions

Conversions Part 2

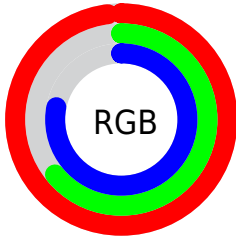
Format	Color
R _Y B	251, 163, 199
Decimal	16491463
CIE Lab	76.57, 37.36, -4.82
CIE LCh	77, 37.671, 352.643
Yxy	50.8271, 0.3621, 0.2912
Android (android.graphics.Color)	4294681543 (0xFFFBA3C7)
YUV	193.4160, 2.7529, 50.5012
Hunter-Lab	71.2931, 33.4481, -0.4197

Details

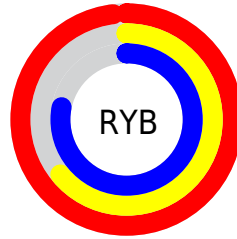
The XYZ color **63.1897, 50.8271, 60.5130** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8694, 81.6886, 76.8005**, and the grayscale version is **50.9020, 53.5529, 58.3191**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **32.6791, 24.5337, 29.8012** is the 20% darker color. If you saturate the color by 10%, you get **57.5283, 42.1271, 50.5393**, and if you desaturate by 10%, it is **69.9062, 61.3677, 71.6678**.

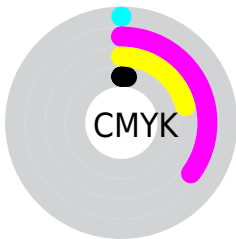
Distribution



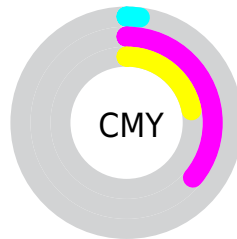
- Red (98%)
- Green (64%)
- Blue (78%)



- Red (98%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1897, 50.8271, 60.5130 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 63.1897, 50.8271, 60.5130 by changing the saturation by 10% instead.


 63.1897, 50.8271,
60.5130


 63.1897, 50.8271,
60.5130


425.9064,
389.8917, 444.3431

 46.2539, 36.0710,
43.4043

 108.5234, 91.3991,
107.1241

 32.6517, 24.4891,
29.8687


 137.6521,
117.9839, 137.4636

 22.0177, 15.6968,
19.4877


171.5757,
149.2804, 173.0504

 13.9866, 9.3099,
11.8429

210.6597,
185.6729, 214.3030

 8.1930, 4.9438,
6.5155

255.2694,
227.5459, 261.6401

 4.2715, 2.2143,
3.0872

305.7702,

 1.8569, 0.7278,

275.2837, 315.4801

1.1393

362.5274,
329.2709, 376.2416

■ 0.5516, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1897, 50.8271,
60.5130

■ 63.1897, 50.8271,
60.5130

■ 57.5283, 42.1271,
50.5393

■ 69.9062, 61.3677,
71.6678

■ 52.8604, 35.1536,
41.7008

■ 77.7264, 73.8402,
84.0407

■ 49.1243, 29.7905,
33.9530

■ 86.7009, 88.3382,
97.6711

■ 46.2491, 25.9046,
27.2462

■ 93.5940, 99.2494,
108.8319

■ 44.1527, 23.3407,
21.5258

■ 42.7351, 21.9082,
16.7296

■ 42.2158, 21.4821,
14.6678

Harmonies

Analogous

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



60.0220, 50.8271, 82.6868



63.1897, 50.8271, 60.5130



62.0697, 50.8271, 41.5853

Triad

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



63.1897, 50.8271, 60.5130



43.2312, 50.8271, 26.4826



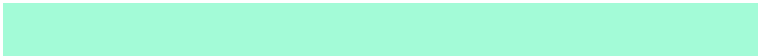
40.4739, 50.8271, 92.6985

Complementary

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



63.1897, 50.8271, 60.5130



61.8694, 81.6886, 76.8005

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.



36.7501, 50.8271, 71.8404



63.1897, 50.8271, 60.5130



38.2296, 50.8271, 34.8077

Square

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



63.1897, 50.8271, 60.5130



50.0830, 50.8271, 24.8662



35.9707, 50.8271, 50.4744



46.5787, 50.8271, 104.0119

Rectangle

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



63.1897, 50.8271, 60.5130



59.0894, 50.8271, 32.8147



35.9707, 50.8271, 50.4744



38.9277, 50.8271, 86.3580

Sweetspot

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



63.1912, 50.8295, 60.5140



84.1904, 82.3688, 92.6774



58.3408, 47.5084, 97.3626



17.7558, 17.2040, 19.4327



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.



63.1912, 50.8295, 60.5140



61.2966, 46.2014, 55.3881



60.8337, 52.0306, 41.4898



17.5389, 17.3429, 19.4278



22.2582, 11.3190, 8.0679



2.1126, 1.0688, 1.0166

Inverse Universe

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



63.1912, 50.8295, 60.5140



61.2966, 46.2014, 55.3881



64.7691, 79.2540, 103.1513



17.5389, 17.3429, 19.4278



22.2582, 11.3190, 8.0679



2.1126, 1.0688, 1.0166

Previews

White Background



This preview shows how the XYZ color 63.1897, 50.8271, 60.5130 looks on a white background.

Color Contrast Check

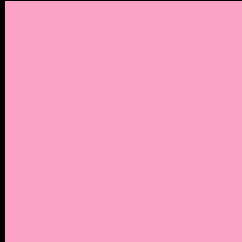
Large Text (above 18pt) WCAG AA × Fail

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 63.1897, 50.8271, 60.5130 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 63.1897, 50.8271, 60.5130

Background



This preview shows how black text looks on a background with the XYZ color 63.1897, 50.8271, 60.5130.



This preview shows how white text looks on a background with the XYZ color 63.1897, 50.8271,

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

63.1897, 50.8271, 60.5130

Protanopia

50.1284, 51.1358, 70.8465

Deuteranopia

52.1677, 51.2002, 58.7629



Tritanopia

60.8398, 50.6668, 49.2209

Trichromacy



Original Color

63.1897, 50.8271, 60.5130



Protanomaly

53.9232, 50.3990, 67.2075



Deuteranomaly

55.6133, 50.5658, 59.0536



Tritanomaly

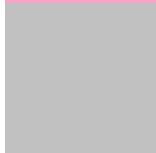
61.7424, 50.7794, 53.0016

Monochromacy



Original Color

63.1897, 50.8271, 60.5130



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.3098, 51.6922, 58.7449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1897, 50.8271, 60.5130 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(251, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(251, 163, 199)  
}
```

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(251, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 163, 199) }
```

Border

The CSS property to change the border of an element to XYZ 63.1897, 50.8271, 60.5130 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(251, 163, 199) }
```


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

```
.border{ border-color:rgb(251, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(251, 163,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1897, 50.8271, 60.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 163, 199) }
```

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

```
.background{ background-color: rgb(251,  
163, 199) }
```

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