

Converting Colors

XYZ(62.0176, 50.8908, 60.1491)

Have a look what the booklet for
XYZ(62.0176, 50.8908, 60.1491)
contains.

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Color

**XYZ(62.0059, 50.7616,
59.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A5C6
RGB	247, 165, 198
RGB Percent	97%, 65%, 78%
CMY	0.0314, 0.3529, 0.2235
CMYK	0.00, 0.33, 0.20, 0.03
HSL	336°, 84%, 81%
HSV	336°, 33%, 97%
XYZ	62.0059, 50.7616, 59.9560
YIQ	193.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

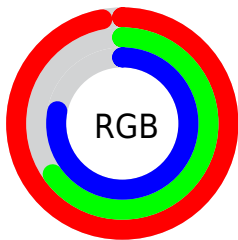
Format	Color
R _Y B	247, 165, 198
Decimal	16229830
CIE Lab	76.53, 34.79, -4.39
CIE LCh	77, 35.066, 352.814
Yxy	50.7616, 0.3590, 0.2939
Android (android.graphics.Color)	4294419910 (0xFFF7A5C6)
YUV	193.2800, 2.3270, 47.1124
Hunter-Lab	71.2472, 30.6647, -0.0208

Details

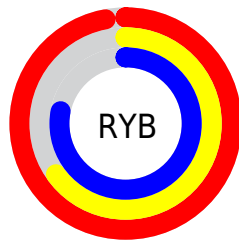
The XYZ color **62.0059, 50.7616, 59.9560** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9175, 79.3771, 75.7326**, and the grayscale version is **50.8254, 53.4723, 58.2314**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **31.8145, 24.4208, 29.4224** is the 20% darker color. If you saturate the color by 10%, you get **56.3531, 42.0489, 50.0772**, and if you desaturate by 10%, it is **68.6878, 61.2660, 70.9976**.

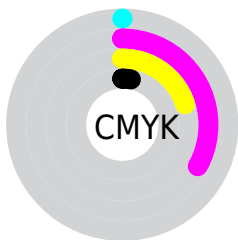
Distribution



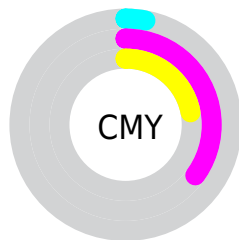
- Red (97%)
- Green (65%)
- Blue (78%)



- Red (97%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0059, 50.7616, 59.9560 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 62.0059, 50.7616, 59.9560 by changing the saturation by 10% instead.


 62.0059, 50.7616,
59.9560


 62.0059, 50.7616,
59.9560


421.6698,
389.6368, 442.2357

 45.2931, 36.0189,
42.9581


 106.8239, 91.3023,
106.3086

 31.8906, 24.4488,
29.5211


 135.6599,
117.8691, 136.5004

 21.4331, 15.6669,
19.2264


169.2676,
149.1460, 171.9272

 13.5552, 9.2887,
11.6555

208.0124,
185.5175, 213.0076

 7.8916, 4.9300,
6.3899

252.2597,
227.3679, 260.1601

 4.0769, 2.2062,
3.0110

302.3748,

 1.7457, 0.7234,

275.0817, 313.8032

1.1002

358.7230,
329.0432, 374.3556

■ 0.4846, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0059, 50.7616,
59.9560

■ 62.0059, 50.7616,
59.9560

■ 56.3531, 42.0489,
50.0772

■ 68.6878, 61.2660,
70.9976

■ 51.6707, 35.0195,
41.3167

■ 76.4448, 73.6482,
83.2380

■ 47.9004, 29.5641,
33.6312

■ 85.3251, 87.9973,
96.7154

■ 44.9754, 25.5577,
26.9729

■ 92.1680, 98.5143,
108.7651

■ 42.8191, 22.8556,
21.2893

■ 41.3393, 21.2827,
16.5209

■ 40.6290, 20.6827,
13.7543

Harmonies

Analogous

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



59.1119, 50.7616, 80.3533



62.0059, 50.7616, 59.9560



60.9533, 50.7616, 42.3099

Triad

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



62.0059, 50.7616, 59.9560



43.4796, 50.7616, 28.0240



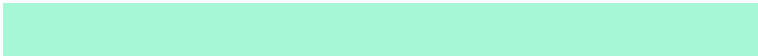
40.9577, 50.7616, 89.6856

Complementary

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



62.0059, 50.7616, 59.9560



60.9175, 79.3771, 75.7326

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.



37.4426, 50.7616, 70.6401



62.0059, 50.7616, 59.9560



38.8030, 50.7616, 36.0404

Square

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



62.0059, 50.7616, 59.9560



49.8567, 50.7616, 26.4246



36.6914, 50.7616, 50.8362



46.6730, 50.7616, 99.8864

Rectangle

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



62.0059, 50.7616, 59.9560



58.1971, 50.7616, 34.0181



36.6914, 50.7616, 50.8362



39.5017, 50.7616, 83.9229

Sweetspot

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



62.0073, 50.7640, 59.9570



85.0906, 83.8528, 93.9528



57.6379, 47.7495, 94.1748



17.9346, 17.4995, 19.6834



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.



62.0073, 50.7640, 59.9570



62.3739, 47.9395, 57.0315



59.8719, 51.9349, 42.4690



16.7754, 16.5930, 18.5641



21.5530, 10.9646, 7.6205



1.9437, 0.9834, 0.9299

Inverse Universe

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



62.0073, 50.7640, 59.9570



62.3739, 47.9395, 57.0315



63.5164, 77.1343, 99.5369



16.7754, 16.5930, 18.5641



21.5530, 10.9646, 7.6205



1.9437, 0.9834, 0.9299

Previews

White Background



This preview shows how the XYZ color 62.0059, 50.7616, 59.9560 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 62.0059, 50.7616, 59.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

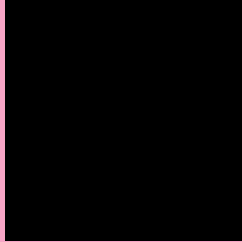
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0059, 50.7616, 59.9560

Background



This preview shows how black text looks on a background with the XYZ color 62.0059, 50.7616, 59.9560.



This preview shows how white text looks on a background with the XYZ color 62.0059, 50.7616,

59.9560.

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

62.0059, 50.7616, 59.9560

Protanopia

50.1166, 51.1590, 69.5206

Deuteranopia

51.9607, 50.7862, 58.6939



Tritanopia

59.9993, 50.7539, 50.3502

Trichromacy



Original Color

62.0059, 50.7616, 59.9560



Protanomaly

53.5962, 50.5574, 65.9652



Deuteranomaly

55.0043, 50.2518, 59.0251



Tritanomaly

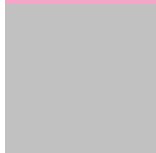
60.7944, 50.8181, 53.6184

Monochromacy



Original Color

62.0059, 50.7616, 59.9560



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.2244, 51.9532, 58.7998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0059, 50.7616, 59.9560 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(247, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 165, 198)  
}
```

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(247, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.0059, 50.7616, 59.9560 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(247, 165, 198) }
```


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

```
.border{ border-color:rgb(247, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 165,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0059, 50.7616, 59.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 165, 198) }
```

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

```
.background{ background-color: rgb(247,  
165, 198) }
```

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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