

Converting Colors

XYZ(63.0477, 59.8908, 36.3106)

Have a look what the booklet for
XYZ(63.0477, 59.8908, 36.3106)
contains.

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Color

**XYZ(62.9063, 59.7939,
36.2428)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8C094 |
| RGB | 248, 192, 148 |
| RGB Percent | 97%, 75%, 58% |
| CMY | 0.0275, 0.2470, 0.4196 |
| CMYK | 0.00, 0.23, 0.40, 0.03 |
| HSL | 26°, 88%, 78% |
| HSV | 26°, 40%, 97% |
| XYZ | 62.9063, 59.7939, 36.2428 |
| YIQ | 203.7280, 47.5000, -1.8120 |

Conversions

Conversions Part 2

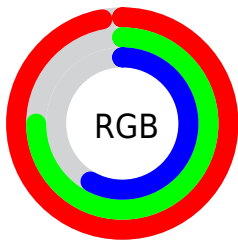
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 248, 227, 148 |
| Decimal | 16302228 |
| CIE Lab | 81.73, 14.50, 29.89 |
| CIE LCh | 82, 33.219, 64.116 |
| Yxy | 59.7939, 0.3958, 0.3762 |
| Android (android.graphics.Color) | 4294492308 (0xFFFF8C094) |
| YUV | 203.7280, -27.4739, 38.8265 |
| Hunter-Lab | 77.3265, 9.8911, 26.3394 |

Details

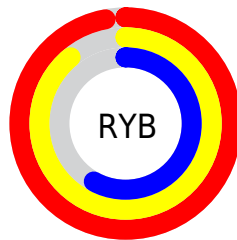
The XYZ color **62.9063, 59.7939, 36.2428** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7479, 56.2566, 96.9906**, and the grayscale version is **57.3710, 60.3588, 65.7307**.

A 20% lighter version of the original color is **85.4681, 92.6591, 69.2575**, and **32.4814, 29.9872, 15.3854** is the 20% darker color. If you saturate the color by 10%, you get **58.2434, 53.2801, 26.0195**, and if you desaturate by 10%, it is **68.2805, 67.0570, 48.7791**.

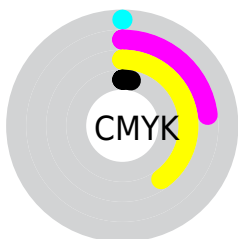
Distribution



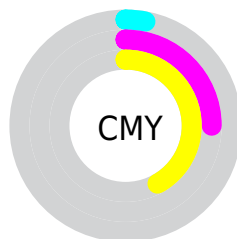
- Red (97%)
- Green (75%)
- Blue (58%)



- Red (97%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9063, 59.7939, 36.2428 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 62.9063, 59.7939, 36.2428 by changing the saturation by 10% instead.


 62.9063, 59.7939,
36.2428

 62.9063, 59.7939,
36.2428


424.8944,
423.8377, 345.0900

 46.0238, 43.2525,
24.3306


 108.1169,
104.5306, 70.5799

 32.4693, 30.0833,
15.3646


 137.1757,
133.4948, 93.8419

 21.8775, 19.9018,
8.9262


171.0239,
167.3687, 121.7242

 13.8830, 12.3237,
4.5969

210.0270,
206.5367, 154.6455

 8.1205, 6.9645,
1.9582

254.5502,
251.3832, 193.0241

 4.2246, 3.4399,
0.5294

304.9589,

 1.8300, 1.3655,

302.2926, 237.2787

0.0000

361.6186,
359.6493, 287.8278

■ 0.5356, 0.1911,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9063, 59.7939,
36.2428

■ 62.9063, 59.7939,
36.2428

■ 58.2434, 53.2801,
26.0195

■ 68.2805, 67.0570,
48.7791

■ 54.2522, 47.4804,
17.9602

■ 74.3938, 75.0861,
63.7576

■ 50.8957, 42.3691,
11.9040

■ 81.2779, 83.9077,
81.3018

■ 48.1306, 37.9148,
7.6654

■ 88.9610, 93.5444,
101.5260

■ 45.9064, 34.0828,
5.0234

■ 92.5213, 98.6964,
108.7817

■ 44.1943, 30.9223,
3.6393

Harmonies

Analogous

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



68.7065, 59.7939, 45.8078



62.9063, 59.7939, 36.2428



55.8726, 59.7939, 33.7551

Triad

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



62.9063, 59.7939, 36.2428



44.4486, 59.7939, 67.9089



64.7121, 59.7939, 102.4722

Complementary

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



62.9063, 59.7939, 36.2428



50.7479, 56.2566, 96.9906

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.



57.8030, 59.7939, 111.5611



62.9063, 59.7939, 36.2428



46.4116, 59.7939, 89.1795

Square

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



62.9063, 59.7939, 36.2428



45.5735, 59.7939, 49.7006



51.1625, 59.7939, 106.2581



69.8077, 59.7939, 83.4038

Rectangle

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



62.9063, 59.7939, 36.2428



51.5137, 59.7939, 35.9042



51.1625, 59.7939, 106.2581



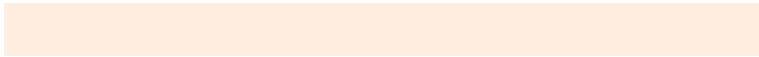
62.5050, 59.7939, 106.9554

Sweetspot

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



62.9078, 59.7967, 36.2440



85.2843, 87.7345, 83.2452



60.2808, 45.5285, 63.1579



18.0428, 18.5093, 17.2738



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.



62.9078, 59.7967, 36.2440



63.1027, 58.2557, 29.9643



75.6107, 85.2026, 40.4783



17.8731, 18.4821, 18.0878



24.0082, 16.9730, 2.0107



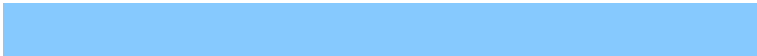
2.3272, 1.7792, 0.2208

Inverse Universe

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



50.7479, 56.2566, 96.9906



48.5784, 54.0112, 102.4726



40.8225, 36.4058, 93.6821



17.0893, 18.2554, 22.0082



14.2719, 13.8995, 49.9042



1.4274, 1.4985, 4.6572

Previews

White Background



This preview shows how the XYZ color 62.9063, 59.7939, 36.2428 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 62.9063, 59.7939, 36.2428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

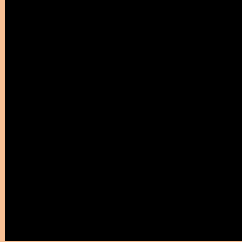
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9063, 59.7939, 36.2428

Background



This preview shows how black text looks on a background with the XYZ color 62.9063, 59.7939, 36.2428.



This preview shows how white text looks on a background with the XYZ color 62.9063, 59.7939,

36.2428.

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

62.9063, 59.7939, 36.2428

Protanopia

56.0191, 59.9172, 38.7496

Deuteranopia

61.0572, 59.8376, 35.9355



Tritanopia

68.1658, 59.7041, 61.9641

Trichromacy



Original Color

62.9063, 59.7939, 36.2428

Protanomaly

58.3224, 59.7392, 37.7351

Deuteranomaly

61.8665, 59.9233, 35.9094

Tritanomaly

66.0051, 59.7710, 51.2381

Monochromacy



Original Color

62.9063, 59.7939, 36.2428

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8212, 59.9849, 53.8254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9063, 59.7939, 36.2428 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, 192, 148)` looks like.

```
.text, #text, p{  
    color:rgb(248, 192, 148)  
}
```

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, 192, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 192, 148) }
```

Border

The CSS property to change the border of an element to XYZ 62.9063, 59.7939, 36.2428 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, 192, 148) }
```


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

```
.border{ border-color:rgb(248, 192, 148) }
```

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

Here you see how a box with a 4 pixel rgb(248, 192, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 192, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 192, 148);  
box-shadow:4px 4px 4px 4px rgb(248, 192,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9063, 59.7939, 36.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 192, 148) }
```

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

```
.background{ background-color: rgb(248,  
192, 148) }
```

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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