

Converting Colors

XYZ(63.2493, 64.0252, 29.0427)

Have a look what the booklet for
XYZ(63.2493, 64.0252, 29.0427)
contains.

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Color

**XYZ(63.1927, 63.8370,
29.0698)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CB7F
RGB	246, 203, 127
RGB Percent	96%, 80%, 50%
CMY	0.0353, 0.2039, 0.5020
CMYK	0.00, 0.17, 0.48, 0.04
HSL	38°, 87%, 73%
HSV	38°, 48%, 96%
XYZ	63.1927, 63.8370, 29.0698
YIQ	207.1930, 50.0240, -14.5200

Conversions

Conversions Part 2

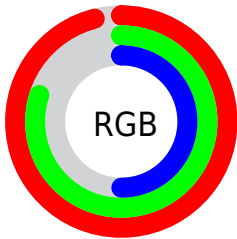
Format	Color
R_{YB}	194, 246, 127
Decimal	16173951
CIE _{Lab}	83.88, 5.87, 43.43
CIE _{LCh}	84, 43.821, 82.297
Yxy	63.8370, 0.4048, 0.4090
Android (android.graphics.Color)	4294364031 (0xFFFF6CB7F)
YUV	207.1930, -39.5351, 34.0337
Hunter-Lab	79.8981, 1.3570, 34.3568

Details

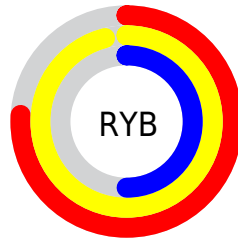
The XYZ color **63.1927, 63.8370, 29.0698** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.7611, 39.9137, 92.7969**, and the grayscale version is **59.6583, 62.7652, 68.3513**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **32.5455, 32.5815, 11.4110** is the 20% darker color. If you saturate the color by 10%, you get **59.7424, 59.1965, 20.9525**, and if you desaturate by 10%, it is **67.1579, 68.8809, 39.2909**.

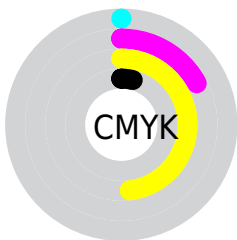
Distribution



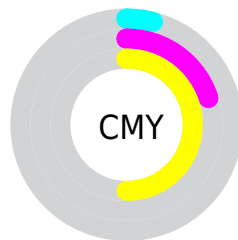
- Red (96%)
- Green (80%)
- Blue (50%)



- Red (76%)
- Yellow (96%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (48%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1927, 63.8370, 29.0698 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 63.1927, 63.8370, 29.0698 by changing the saturation by 10% instead.


 63.1927, 63.8370,
29.0698

 63.1927, 63.8370,
29.0698


425.9171,
438.6008, 311.6154


 46.2564, 46.5187,
18.8876


 108.5277,
110.3762, 59.2315

 32.6536, 32.6553,
11.4131


 137.6571,
140.3658, 80.0480

 22.0192, 21.8625,
6.2278


 171.5815,
175.3479, 105.2464

 13.9877, 13.7559,
2.9130

210.6664,
215.7070, 135.2453

 8.1938, 7.9511,
1.0504

255.2770,
261.8275, 170.4630

 4.2720, 4.0637,
0.0000

305.7788,

 1.8571, 1.7092,

314.0937, 211.3183

0.0000

362.5370,
372.8900, 258.2295

■ 0.5517, 0.4296,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1927, 63.8370,
29.0698

■ 63.1927, 63.8370,
29.0698

■ 59.7424, 59.1965,
20.9525

■ 67.1579, 68.8809,
39.2909

■ 56.7712, 54.9345,
14.7819

■ 71.6613, 74.3333,
51.7500

■ 54.2458, 51.0370,
10.3847

■ 76.7303, 80.2106,
66.5744

■ 52.1250, 47.4840,
7.5548

■ 82.3886, 86.5253,
83.8808

■ 50.3517, 44.2492,
6.0021

■ 88.6587, 93.2894,
103.7779

■ 50.0834, 43.7477,
5.8045

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



72.7262, 63.8370, 35.4106



63.1927, 63.8370, 29.0698



53.9137, 63.8370, 31.0647

Triad

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



63.1927, 63.8370, 29.0698



45.0965, 63.8370, 91.6457



76.5463, 63.8370, 107.2711

Complementary

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



63.1927, 63.8370, 29.0698



39.7611, 39.9137, 92.7969

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.



67.9796, 63.8370, 131.0682



63.1927, 63.8370, 29.0698



50.0348, 63.8370, 120.5092

Square

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



63.1927, 63.8370, 29.0698



44.1044, 63.8370, 62.6349



58.2254, 63.8370, 136.4652



80.9499, 63.8370, 76.8656

Rectangle

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



63.1927, 63.8370, 29.0698



49.0411, 63.8370, 37.1832



58.2254, 63.8370, 136.4652



74.0173, 63.8370, 116.6068

Sweetspot

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



63.1943, 63.8400, 29.0711



85.2406, 89.2742, 78.2143



52.9114, 37.6984, 42.8335



17.9754, 18.8045, 15.9259



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.



63.1943, 63.8400, 29.0711



64.9176, 64.3606, 22.9388



69.4625, 84.2887, 32.6877



17.3818, 18.2477, 17.4036



26.8705, 23.6266, 3.1442



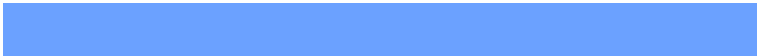
2.4589, 2.2711, 0.3088

Inverse Universe

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



39.7611, 39.9137, 92.7969



36.7893, 35.6797, 99.5556



35.5291, 27.6610, 90.6550



16.0712, 16.9068, 20.9589



10.9012, 7.5963, 47.4297



1.0520, 0.8555, 4.1999

Previews

White Background



This preview shows how the XYZ color 63.1927, 63.8370, 29.0698 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 63.1927, 63.8370, 29.0698 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 63.1927, 63.8370, 29.0698

Background



This preview shows how black text looks on a background with the XYZ color 63.1927, 63.8370, 29.0698.



This preview shows how white text looks on a background with the XYZ color 63.1927, 63.8370,

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

63.1927, 63.8370, 29.0698

Protanopia

58.7578, 63.6799, 29.9635

Deuteranopia

65.4236, 63.9379, 29.3151



Tritanopia

71.3282, 63.7648, 68.2229

Trichromacy



Original Color

63.1927, 63.8370, 29.0698

Protanomaly

60.4701, 63.8463, 29.5585

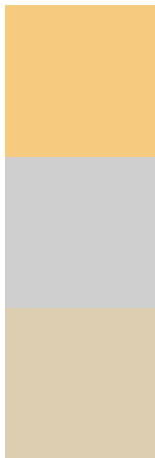
Deuteranomaly

64.5666, 63.8410, 29.3416

Tritanomaly

67.8866, 63.6964, 51.3645

Monochromacy



Original Color

63.1927, 63.8370, 29.0698

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9260, 62.7291, 51.0690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1927, 63.8370, 29.0698 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(246, 203, 127)` looks like.

```
.text, #text, p{  
    color:rgb(246, 203, 127)  
}
```

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(246, 203, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 203, 127) }
```

Border

The CSS property to change the border of an element to XYZ 63.1927, 63.8370, 29.0698 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(246, 203, 127) }
```


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

```
.border{ border-color:rgb(246, 203, 127) }
```

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

Here you see how a box with a 4 pixel rgb(246, 203, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 203, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 203, 127);  
box-shadow:4px 4px 4px 4px rgb(246, 203,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1927, 63.8370, 29.0698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 203, 127) }
```

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

```
.background{ background-color: rgb(246,  
203, 127) }
```

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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