

Converting Colors

XYZ(63.9127, 64.7339, 29.2116)

Have a look what the booklet for
XYZ(63.9127, 64.7339, 29.2116)
contains.

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Color

**XYZ(63.7814, 64.4922,
29.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CC7F
RGB	247, 204, 127
RGB Percent	97%, 80%, 50%
CMY	0.0314, 0.2000, 0.5020
CMYK	0.00, 0.17, 0.49, 0.03
HSL	39°, 88%, 73%
HSV	39°, 49%, 97%
XYZ	63.7814, 64.4922, 29.1653
YIQ	208.0790, 50.3450, -14.8310

Conversions

Conversions Part 2

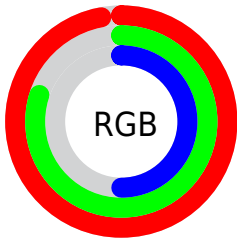
Format	Color
RYB	194, 247, 127
Decimal	16239743
CIELab	84.22, 5.76, 43.87
CIElCh	84, 44.248, 82.524
Yxy	64.4922, 0.4051, 0.4096
Android (android.graphics.Color)	4294429823 (0xFFF7CC7F)
YUV	208.0790, -39.9719, 34.1337
Hunter-Lab	80.3070, 1.2308, 34.6824

Details

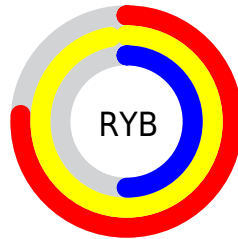
The XYZ color **63.7814, 64.4922, 29.1653** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.9151, 39.9754, 93.6077**, and the grayscale version is **60.2351, 63.3720, 69.0121**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **32.9499, 33.0259, 11.4755** is the 20% darker color. If you saturate the color by 10%, you get **60.3212, 59.8400, 21.0201**, and if you desaturate by 10%, it is **67.7588, 69.5475, 39.4308**.

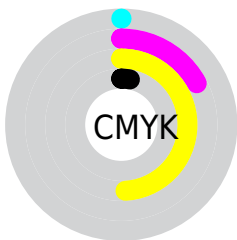
Distribution



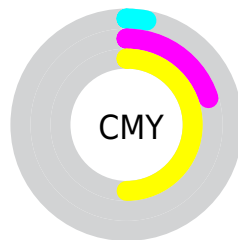
- Red (97%)
- Green (80%)
- Blue (50%)



- Red (76%)
- Yellow (97%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7814, 64.4922, 29.1653 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 63.7814, 64.4922, 29.1653 by changing the saturation by 10% instead.


 63.7814, 64.4922,
29.1653

 63.7814, 64.4922,
29.1653


428.0146,
440.9649, 312.0794


 46.7347, 47.0494,
18.9593


 109.3716,
111.3195, 59.3849

 33.0330, 33.0747,
11.4643


 138.6457,
141.4728, 80.2356

 22.3111, 22.1837,
6.2620


 172.7263,
176.6317, 105.4715

 14.2035, 13.9919,
2.9337

211.9788,
217.1807, 135.5113

 8.3450, 8.1151,
1.0609

256.7685,
263.5041, 170.7734

 4.3702, 4.1687,
0.0000

307.4608,

 1.9136, 1.7684,

315.9864, 211.6765

0.0000

364.4210,
375.0118, 258.6389

■ 0.5847, 0.4673,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7814, 64.4922,
29.1653

■ 63.7814, 64.4922,
29.1653

■ 60.3212, 59.8400,
21.0201

■ 67.7588, 69.5475,
39.4308

■ 57.3423, 55.5659,
14.8362

■ 72.2772, 75.0110,
51.9525

■ 54.8107, 51.6556,
10.4381

■ 77.3639, 80.8992,
66.8590

■ 52.6848, 48.0892,
7.6167

■ 83.0432, 87.2246,
84.2685

■ 50.9058, 44.8397,
6.0725

■ 89.3376, 93.9992,
104.2910

■ 50.6706, 44.3999,
5.8994

■ 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



73.4873, 64.4922, 35.5206



63.7814, 64.4922, 29.1653



54.3617, 64.4922, 31.2485

Triad

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



63.7814, 64.4922, 29.1653



45.4931, 64.4922, 92.9793



77.4944, 64.4922, 108.4217

Complementary

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



63.7814, 64.4922, 29.1653



39.9151, 39.9754, 93.6077

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.



68.8003, 64.4922, 132.7669



63.7814, 64.4922, 29.1653



50.5370, 64.4922, 122.3218

Square

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



63.7814, 64.4922, 29.1653



44.4545, 64.4922, 63.4337



58.8797, 64.4922, 138.4367



81.9347, 64.4922, 77.4761

Rectangle

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



63.7814, 64.4922, 29.1653



49.4277, 64.4922, 37.4951



58.8797, 64.4922, 138.4367



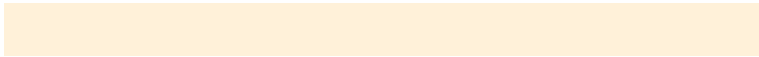
74.9310, 64.4922, 117.9530

Sweetspot

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



63.7830, 64.4953, 29.1666



85.2748, 89.3425, 78.2256



53.2981, 37.8938, 43.0339



17.9837, 18.8210, 15.9286



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.



63.7830, 64.4953, 29.1666



65.0219, 64.5693, 22.9736



70.0466, 85.0426, 32.8025



17.3861, 18.2564, 17.4051



26.9373, 23.7602, 3.1664



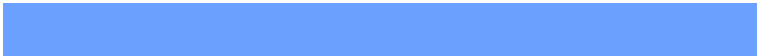
2.4645, 2.2822, 0.3106

Inverse Universe

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



39.9151, 39.9754, 93.6077



36.7119, 35.5249, 99.5298



35.7062, 27.7346, 91.4668



16.0671, 16.8984, 20.9575



10.8679, 7.5297, 47.4186



1.0488, 0.8490, 4.1988

Previews

White Background



This preview shows how the XYZ color 63.7814, 64.4922, 29.1653 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 63.7814, 64.4922, 29.1653 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 63.7814, 64.4922, 29.1653

Background



This preview shows how black text looks on a background with the XYZ color 63.7814, 64.4922, 29.1653.



This preview shows how white text looks on a background with the XYZ color 63.7814, 64.4922,

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

63.7814, 64.4922, 29.1653

Protanopia

59.6422, 64.5012, 30.0754

Deuteranopia

66.0229, 64.5918, 29.4098



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

63.7814, 64.4922, 29.1653

Protanomaly

61.0442, 64.5031, 29.6550

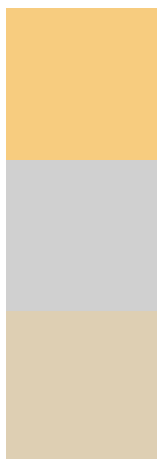
Deuteranomaly

65.1617, 64.4950, 29.4365

Tritanomaly

68.4757, 64.3383, 51.4573

Monochromacy



Original Color

63.7814, 64.4922, 29.1653

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5737, 63.4099, 51.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7814, 64.4922, 29.1653 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, 204, 127)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 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(247, 204, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 127) }
```

Border

The CSS property to change the border of an element to XYZ 63.7814, 64.4922, 29.1653 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, 204, 127) }
```


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

```
.border{ border-color:rgb(247, 204, 127) }
```

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

Here you see how a box with a 4 pixel rgb(247, 204, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 204, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 204, 127);  
box-shadow:4px 4px 4px 4px rgb(247, 204,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7814, 64.4922, 29.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 127) }
```

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

```
.background{ background-color: rgb(247,  
204, 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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