

Converting Colors

XYZ(60.6051, 59.6832, 22.4616)

Have a look what the booklet for
XYZ(60.6051, 59.6832, 22.4616)
contains.

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Color

**XYZ(60.7100, 59.6227,
22.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C26C
RGB	248, 194, 108
RGB Percent	97%, 76%, 42%
CMY	0.0275, 0.2392, 0.5765
CMYK	0.00, 0.22, 0.56, 0.03
HSL	37°, 91%, 70%
HSV	37°, 56%, 97%
XYZ	60.7100, 59.6227, 22.4959
YIQ	200.3420, 59.7900, -15.2980

Conversions

Conversions Part 2

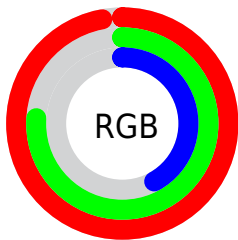
Format	Color
R_{YB}	196, 248, 108
Decimal	16302700
CIE _{Lab}	81.63, 9.77, 50.10
CIE _{LCh}	82, 51.042, 78.962
Yxy	59.6227, 0.4251, 0.4174
Android (android.graphics.Color)	4294492780 (0xFFFF8C26C)
YUV	200.3420, -45.5246, 41.7961
Hunter-Lab	77.2157, 5.2161, 36.7776

Details

The XYZ color **60.7100, 59.6227, 22.4959** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.0475, 35.8048, 93.8178**, and the grayscale version is **55.3581, 58.2411, 63.4245**.

A 20% lighter version of the original color is **81.8586, 92.2044, 47.2010**, and **31.2497, 30.1640, 8.0461** is the 20% darker color. If you saturate the color by 10%, you get **57.5129, 55.0488, 15.8189**, and if you desaturate by 10%, it is **64.4224, 64.6265, 31.1975**.

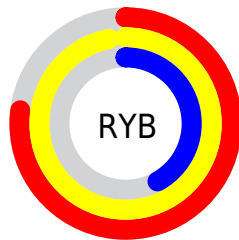
Distribution



Red (97%)

Green (76%)

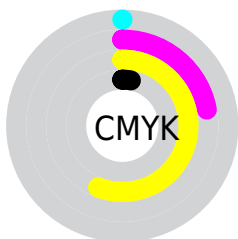
Blue (42%)



Red (77%)

Yellow (97%)

Blue (42%)

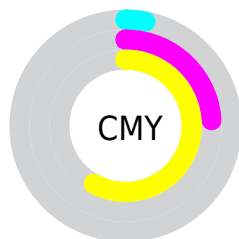


Cyan (0%)

Magenta (22%)

Yellow (56%)

Black (3%)



Cyan (3%)

Magenta (24%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7100, 59.6227, 22.4959 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 60.7100, 59.6227, 22.4959 by changing the saturation by 10% instead.

60.7100, 59.6227,
22.4959

60.7100, 59.6227,
22.4959

417.0028,
423.2057, 278.1627

44.2428, 43.1146,
14.0199

104.9594,
104.2822, 48.4769

31.0602, 29.9750,
7.9956

133.4724,
133.2023, 66.8190

20.7967, 19.8196,
4.0044

166.7313,
167.0286, 89.2870

13.0871, 12.2640,
1.6278

205.1015,
206.1453, 116.2993

7.5660, 6.9237,
0.3105

248.9484,
250.9371, 148.2744

3.8680, 3.4145,
0.0000

298.6374,

1.6277, 1.3517,

301.7881, 185.6310

0.0000

354.5337,
359.0828, 228.7876

■ 0.4104, 0.1807,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7100, 59.6227,
22.4959

■ 60.7100, 59.6227,
22.4959

■ 57.5129, 55.0488,
15.8189

■ 64.4224, 64.6265,
31.1975

■ 54.7913, 50.8781,
10.9895


■ 68.6771, 70.0682,
42.0734

■ 52.5059, 47.0927,
7.8059

■ 73.5042, 75.9659,
55.2631

■ 50.6057, 43.6680,
6.0143

■ 78.9299, 82.3340,
70.8932

 49.9969, 42.5275,
5.5735

 84.9787, 89.1858,
89.0813

 91.3819, 96.4176,
108.4019

 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



71.3147, 59.6227, 29.7867



60.7100, 59.6227, 22.4959



50.2299, 59.6227, 23.5540

Triad

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



60.7100, 59.6227, 22.4959



39.3198, 59.6227, 86.0607



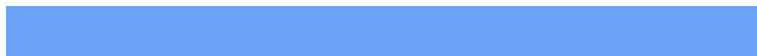
73.6890, 59.6227, 111.9233

Complementary

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



60.7100, 59.6227, 22.4959



36.0475, 35.8048, 93.8178

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.



63.6374, 59.6227, 138.3158



60.7100, 59.6227, 22.4959



44.1807, 59.6227, 120.4263

Square

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



60.7100, 59.6227, 22.4959



38.7446, 59.6227, 54.2559



52.8125, 59.6227, 141.8424



79.4131, 59.6227, 76.8950

Rectangle

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



60.7100, 59.6227, 22.4959



44.6674, 59.6227, 28.9758



52.8125, 59.6227, 141.8424



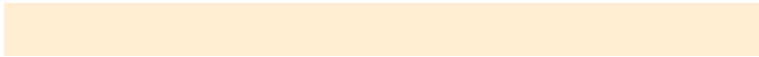
70.6496, 59.6227, 122.5151

Sweetspot

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



60.7114, 59.6256, 22.4971



83.7360, 87.3087, 74.4950



50.7751, 33.3624, 38.8860



17.6644, 18.3880, 15.1886



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.



60.7114, 59.6256, 22.4971



60.7576, 57.8826, 15.8733



70.2059, 85.7098, 27.0314



18.1324, 19.0007, 18.1742



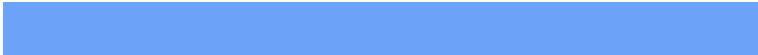
27.1485, 23.2536, 3.0575



2.6171, 2.3590, 0.3174

Inverse Universe

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



36.0475, 35.8048, 93.8178



32.1597, 30.3254, 98.7661



30.3324, 21.6407, 91.3851



16.8319, 17.7406, 21.9224



11.5207, 8.3969, 48.9871



1.1662, 0.9761, 4.5701

Previews

White Background



This preview shows how the XYZ color 60.7100, 59.6227, 22.4959 looks on a white background.

Color Contrast Check

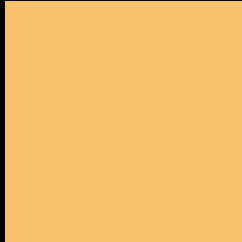
Large Text (above 18pt) WCAG AA × Fail

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 60.7100, 59.6227, 22.4959 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 60.7100, 59.6227, 22.4959

Background



This preview shows how black text looks on a background with the XYZ color 60.7100, 59.6227, 22.4959.



This preview shows how white text looks on a background with the XYZ color 60.7100, 59.6227,

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

60.7100, 59.6227, 22.4959

Protanopia

54.9656, 59.7069, 23.6665

Deuteranopia

61.0655, 59.8060, 22.5126



Tritanopia

68.5735, 59.6182, 61.3193

Trichromacy



Original Color

60.7100, 59.6227, 22.4959

Protanomaly

57.0730, 59.7580, 23.2782

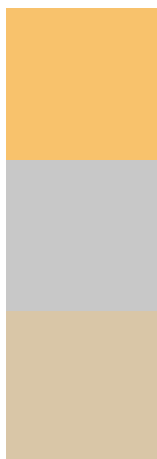
Deuteranomaly

61.0655, 59.8060, 22.5126

Tritanomaly

64.9196, 59.3785, 43.6369

Monochromacy



Original Color

60.7100, 59.6227, 22.4959

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7844, 57.9299, 44.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7100, 59.6227, 22.4959 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, 194, 108)` looks like.

```
.text, #text, p{  
    color:rgb(248, 194, 108)  
}
```

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, 194, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 194, 108) }
```

Border

The CSS property to change the border of an element to XYZ 60.7100, 59.6227, 22.4959 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, 194, 108) }
```


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

```
.border{ border-color:rgb(248, 194, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 194, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 194, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 194, 108);  
box-shadow:4px 4px 4px 4px rgb(248, 194,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7100, 59.6227, 22.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 194, 108) }
```

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

```
.background{ background-color: rgb(248,  
194, 108) }
```

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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