

Converting Colors

XYZ(59.9463, 57.5666, 23.8715)

Have a look what the booklet for
XYZ(59.9463, 57.5666, 23.8715)
contains.

XYZ(59.9463, 57.5666, 23.8715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.9463, 57.5666,
23.8715)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BD72
RGB	248, 189, 114
RGB Percent	97%, 74%, 45%
CMY	0.0275, 0.2588, 0.5529
CMYK	0.00, 0.24, 0.54, 0.03
HSL	34°, 91%, 71%
HSV	34°, 54%, 97%
XYZ	59.9463, 57.5666, 23.8715
YIQ	198.0910, 59.2390, -10.8170

Conversions

Conversions Part 2

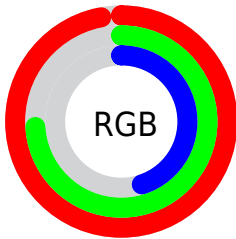
Format	Color
R _Y B	219, 248, 114
Decimal	16301426
CIE Lab	80.50, 12.85, 45.78
CIE LCh	80, 47.548, 74.316
Yxy	57.5666, 0.4240, 0.4072
Android (android.graphics.Color)	4294491506 (0xFFF8BD72)
YUV	198.0910, -41.4569, 43.7702
Hunter-Lab	75.8727, 8.2541, 34.4567

Details

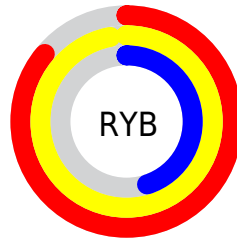
The XYZ color **59.9463, 57.5666, 23.8715** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.8256, 40.2401, 94.5274**, and the grayscale version is **53.9521, 56.7618, 61.8136**.

A 20% lighter version of the original color is **80.8675, 89.3548, 49.5443**, and **30.6876, 28.7860, 8.6415** is the 20% darker color. If you saturate the color by 10%, you get **56.4609, 52.5570, 16.6645**, and if you desaturate by 10%, it is **63.9939, 63.0885, 33.1548**.

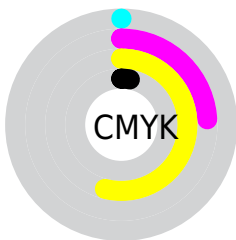
Distribution



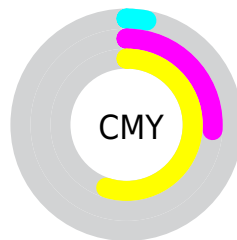
- Red (97%)
- Green (74%)
- Blue (45%)



- Red (86%)
- Yellow (97%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9463, 57.5666, 23.8715 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 59.9463, 57.5666, 23.8715 by changing the saturation by 10% instead.


 59.9463, 57.5666,
23.8715


 59.9463, 57.5666,
23.8715


414.2377,
415.5690, 285.4358


 43.6246, 41.4603,
15.0270


 103.8586,
101.2915, 50.7616

 30.5722, 28.6789,
8.6915


 132.1799,
129.6788, 69.6443

 20.4235, 18.8381,
4.4465


 165.2318,
162.9287, 92.7102

 12.8133, 11.5533,
1.8733

203.3796,
201.4254, 120.3778

 7.3762, 6.4403,
0.4757

246.9888,
245.5534, 153.0656

 3.7469, 3.1146,
0.0000

296.4246,

 1.5600, 1.1919,

295.6971, 191.1921

0.0000

352.0525,
352.2408, 235.1760

■ 0.3661, 0.0550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9463, 57.5666,
23.8715

■ 59.9463, 57.5666,
23.8715

■ 56.4609, 52.5570,
16.6645

■ 63.9939, 63.0885,
33.1548

■ 53.4981, 48.0309,
11.3619


■ 68.6316, 69.1330,
44.6606


■ 51.0183, 43.9684,
7.7700


■ 73.8898, 75.7206,
58.5256

■ 48.9725, 40.3432,
5.6505

■ 79.7955, 82.8675,
74.8746

 47.9174, 38.3686,
4.8804

 86.3741, 90.5893,
93.8235

 92.3672, 98.3882,
108.7303

 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.



69.2693, 57.5666, 32.1337



59.9463, 57.5666, 23.8715



50.2054, 57.5666, 23.6974

Triad

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



59.9463, 57.5666, 23.8715



38.4732, 57.5666, 76.9296



68.8992, 57.5666, 109.5293

Complementary

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



59.9463, 57.5666, 23.8715



38.8256, 40.2401, 94.5274

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.



59.4876, 57.5666, 130.5013



59.9463, 57.5666, 23.8715



42.3576, 57.5666, 108.2183

Square

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



59.9463, 57.5666, 23.8715



38.5649, 57.5666, 49.2462



49.7979, 57.5666, 129.9606



74.8423, 57.5666, 78.3591

Rectangle

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



59.9463, 57.5666, 23.8715



44.8039, 57.5666, 27.9470



49.7979, 57.5666, 129.9606



65.9903, 57.5666, 118.3675

Sweetspot

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



59.9477, 57.5694, 23.8726



83.6982, 86.7154, 76.0787



52.3982, 35.0592, 44.2038



17.6311, 18.2194, 15.4919



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.



59.9477, 57.5694, 23.8726



59.7873, 55.4528, 17.0587



72.9827, 87.1031, 28.8862



18.0506, 18.8370, 18.1469



26.0273, 21.0112, 2.6838



2.5162, 2.1572, 0.2838

Inverse Universe

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



38.8256, 40.2401, 94.5274



35.1534, 35.2752, 99.5638



30.8042, 22.8558, 91.5947



16.9119, 17.9006, 21.9491



12.2518, 9.8593, 49.2308



1.2383, 1.1204, 4.5942

Previews

White Background



This preview shows how the XYZ color 59.9463, 57.5666, 23.8715 looks on a white background.

Color Contrast Check

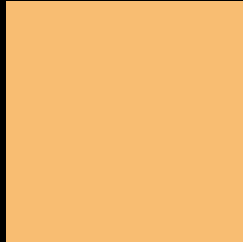
Large Text (above 18pt) WCAG AA × Fail

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 59.9463, 57.5666, 23.8715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

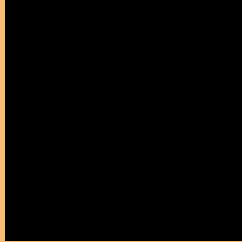
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9463, 57.5666, 23.8715

Background



This preview shows how black text looks on a background with the XYZ color 59.9463, 57.5666, 23.8715.



This preview shows how white text looks on a background with the XYZ color 59.9463, 57.5666,

23.8715.

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

59.9463, 57.5666, 23.8715

Protanopia

53.1377, 57.6766, 25.4716

Deuteranopia

58.9763, 57.7096, 23.9503



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

59.9463, 57.5666, 23.8715

Protanomaly

55.5839, 57.5872, 25.0155

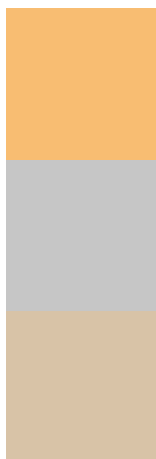
Deuteranomaly

59.1069, 57.4543, 23.8941

Tritanomaly

63.7792, 57.2428, 42.8094

Monochromacy



Original Color

59.9463, 57.5666, 23.8715

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8091, 56.4192, 44.5605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9463, 57.5666, 23.8715 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, 189, 114)` looks like.

```
.text, #text, p{  
    color:rgb(248, 189, 114)  
}
```

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, 189, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 189, 114) }
```

Border

The CSS property to change the border of an element to XYZ 59.9463, 57.5666, 23.8715 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, 189, 114) }
```


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

```
.border{ border-color:rgb(248, 189, 114) }
```

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

Here you see how a box with a 4 pixel rgb(248, 189, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 189, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 189, 114);  
box-shadow:4px 4px 4px 4px rgb(248, 189,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9463, 57.5666, 23.8715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 189, 114) }
```

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

```
.background{ background-color: rgb(248,  
189, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor