

Converting Colors

XYZ(60.2589, 58.1519, 22.3842)

Have a look what the booklet for
XYZ(60.2589, 58.1519, 22.3842)
contains.

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Color

**XYZ(60.2407, 58.0708,
22.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BE6D
RGB	249, 190, 109
RGB Percent	98%, 75%, 43%
CMY	0.0235, 0.2549, 0.5725
CMYK	0.00, 0.24, 0.56, 0.02
HSL	35°, 92%, 70%
HSV	35°, 56%, 98%
XYZ	60.2407, 58.0708, 22.5018
YIQ	198.4070, 61.1650, -12.6830

Conversions

Conversions Part 2

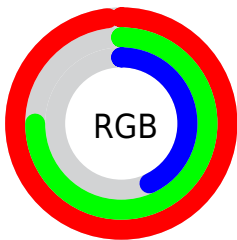
Format	Color
R _Y B	211, 249, 109
Decimal	16367213
CIE Lab	80.78, 12.34, 48.61
CIE LCh	81, 50.157, 75.753
Yxy	58.0708, 0.4278, 0.4124
Android (android.graphics.Color)	4294557293 (0xFFF9BE6D)
YUV	198.4070, -44.0777, 44.3701
Hunter-Lab	76.2042, 7.7499, 35.8356

Details

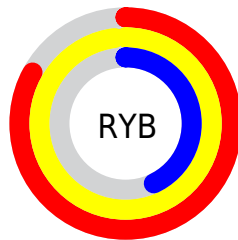
The XYZ color **60.2407, 58.0708, 22.5018** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.4075, 38.0944, 95.0035**, and the grayscale version is **54.1595, 56.9801, 62.0513**.

A 20% lighter version of the original color is **80.7174, 89.7802, 47.2575**, and **30.6956, 29.0156, 7.9857** is the 20% darker color. If you saturate the color by 10%, you get **56.8943, 53.2280, 15.6840**, and if you desaturate by 10%, it is **64.1331, 63.3983, 31.3755**.

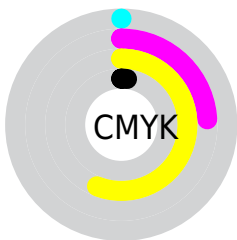
Distribution



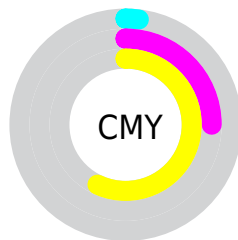
- Red (98%)
- Green (75%)
- Blue (43%)



- Red (83%)
- Yellow (98%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2407, 58.0708, 22.5018 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 60.2407, 58.0708, 22.5018 by changing the saturation by 10% instead.


 60.2407, 58.0708,
22.5018

 60.2407, 58.0708,
22.5018


415.3050,
417.4497, 278.1942

 43.8629, 41.8656,
14.0242


 104.2831,
102.0260, 48.4868

 30.7602, 28.9960,
7.9986


 132.6784,
130.5447, 66.8312

 20.5672, 19.0778,
4.0063


 165.8103,
163.9367, 89.3018

 12.9187, 11.7265,
1.6288

 204.0440,
202.5863, 116.3169

 7.4492, 6.5577,
0.3112

247.7450,
246.8781, 148.2952

 3.7934, 3.1871,
0.0000

297.2785,

 1.5859, 1.2302,

297.1963, 185.6551

0.0000

353.0101,
353.9254, 228.8153

■ 0.3832, 0.0861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2407, 58.0708,
22.5018

■ 60.2407, 58.0708,
22.5018

■ 56.8943, 53.2280,
15.6840

■ 64.1331, 63.3983,
31.3755

■ 54.0534, 48.8415,
10.7437


■ 68.5998, 69.2204,
42.4563


■ 51.6772, 44.8915,
7.4776


■ 73.6718, 75.5568,
55.8850


■ 49.7139, 41.3516,
5.6315

■ 79.3762, 82.4235,
71.7895

 49.0513, 40.1087,
5.1565

 85.7385, 89.8355,
90.2886

 92.2299, 97.5860,
108.5827

 92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



70.2844, 58.0708, 30.5482



60.2407, 58.0708, 22.5018



49.9639, 58.0708, 22.6972

Triad

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



60.2407, 58.0708, 22.5018



38.1649, 58.0708, 80.0070



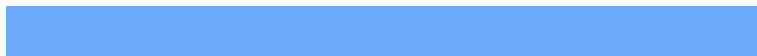
70.7200, 58.0708, 111.9421

Complementary

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



60.2407, 58.0708, 22.5018



37.4075, 38.0944, 95.0035

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.



60.7781, 58.0708, 135.5136



60.2407, 58.0708, 22.5018



42.4356, 58.0708, 113.5002

Square

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



60.2407, 58.0708, 22.5018



38.0591, 58.0708, 50.2092



50.4384, 58.0708, 136.1594



76.8277, 58.0708, 78.3254

Rectangle

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



60.2407, 58.0708, 22.5018



44.3598, 58.0708, 27.3262



50.4384, 58.0708, 136.1594



67.6638, 58.0708, 121.7084

Sweetspot

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



60.2421, 58.0736, 22.5029



83.2865, 86.4096, 74.3452



51.7599, 33.9672, 41.6940



17.5581, 18.1753, 15.1531



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.



60.2421, 58.0736, 22.5029



59.7809, 55.7720, 16.0326



72.4580, 87.3221, 27.5046



18.0788, 18.8935, 18.1563



26.4003, 21.7572, 2.8081



2.5500, 2.2249, 0.2950

Inverse Universe

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



37.4075, 38.0944, 95.0035



33.6322, 32.9370, 99.1926



30.0846, 21.6524, 92.2158



16.8841, 17.8451, 21.9399



11.9861, 9.3277, 49.1423



1.2124, 1.0686, 4.5855

Previews

White Background



This preview shows how the XYZ color 60.2407, 58.0708, 22.5018 looks on a white background.

Color Contrast Check

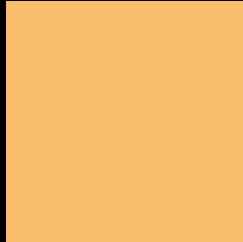
Large Text (above 18pt) WCAG AA × Fail

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 60.2407, 58.0708, 22.5018 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 60.2407, 58.0708, 22.5018

Background



This preview shows how black text looks on a background with the XYZ color 60.2407, 58.0708, 22.5018.



This preview shows how white text looks on a background with the XYZ color 60.2407, 58.0708,

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

60.2407, 58.0708, 22.5018

Protanopia

53.6861, 58.3377, 24.0535

Deuteranopia

59.3972, 57.9586, 22.5246



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

60.2407, 58.0708, 22.5018

Protanomaly

55.8459, 58.0913, 23.5986

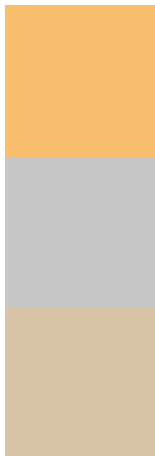
Deuteranomaly

59.7489, 58.1399, 22.5410

Tritanomaly

64.2594, 57.8080, 42.4215

Monochromacy



Original Color

60.2407, 58.0708, 22.5018

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.0133, 56.5351, 44.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2407, 58.0708, 22.5018 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(249, 190, 109)` looks like.

```
.text, #text, p{  
    color:rgb(249, 190, 109)  
}
```

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(249, 190, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 190, 109) }
```

Border

The CSS property to change the border of an element to XYZ 60.2407, 58.0708, 22.5018 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(249, 190, 109) }
```


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

```
.border{ border-color:rgb(249, 190, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 190, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 190, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 190, 109);  
box-shadow:4px 4px 4px 4px rgb(249, 190,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2407, 58.0708, 22.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 190, 109) }
```

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

```
.background{ background-color: rgb(249,  
190, 109) }
```

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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