

Converting Colors

XYZ(61.0810, 59.1668, 21.9734)

Have a look what the booklet for
XYZ(61.0810, 59.1668, 21.9734)
contains.

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Color

**XYZ(60.9278, 59.0848,
22.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC06B
RGB	250, 192, 107
RGB Percent	98%, 75%, 42%
CMY	0.0196, 0.2470, 0.5804
CMYK	0.00, 0.23, 0.57, 0.02
HSL	36°, 93%, 70%
HSV	36°, 57%, 98%
XYZ	60.9278, 59.0848, 22.1032
YIQ	199.6520, 61.8530, -14.1390

Conversions

Conversions Part 2

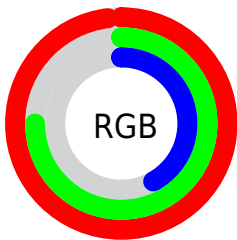
Format	Color
R _Y B	205, 250, 107
Decimal	16433259
CIE Lab	81.34, 11.56, 50.28
CIE LCh	81, 51.593, 77.056
Yxy	59.0848, 0.4287, 0.4158
Android (android.graphics.Color)	4294623339 (0xFFFA06B)
YUV	199.6520, -45.6774, 44.1552
Hunter-Lab	76.8666, 6.9702, 36.7577

Details

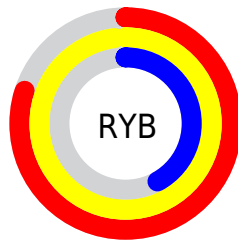
The XYZ color **60.9278, 59.0848, 22.1032** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.7732, 36.9366, 95.6333**, and the grayscale version is **54.9323, 57.7930, 62.9366**.

A 20% lighter version of the original color is **81.1526, 90.9329, 46.5323**, and **31.1816, 29.6979, 7.8302** is the 20% darker color. If you saturate the color by 10%, you get **57.6481, 54.3349, 15.4325**, and if you desaturate by 10%, it is **64.7438, 64.2992, 30.8293**.

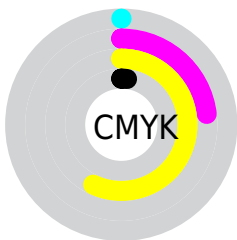
Distribution



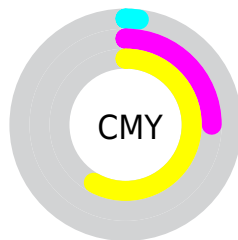
- Red (98%)
- Green (75%)
- Blue (42%)



- Red (80%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (57%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9278, 59.0848, 22.1032 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 60.9278, 59.0848, 22.1032 by changing the saturation by 10% instead.


 60.9278, 59.0848,
22.1032

 60.9278, 59.0848,
22.1032


417.7894,
421.2161, 276.0558


 44.4192, 42.6814,
13.7337


 105.2731,
103.5009, 47.8209


 31.1995, 29.6352,
7.7991


 133.8405,
132.2824, 66.0061

 20.9034, 19.5619,
3.8807


 167.1583,
165.9587, 88.3004

 13.1655, 12.0770,
1.5601

 205.5917,
204.9142, 115.1222

 7.6204, 6.7961,
0.2621

249.5062,
249.5333, 146.8902

 3.9028, 3.3349,
0.0000

299.2670,

 1.6473, 1.3090,

300.2004, 184.0227

0.0000

355.2397,
357.2998, 226.9384

■ 0.4229, 0.1481,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9278, 59.0848,
22.1032

■ 60.9278, 59.0848,
22.1032

■ 57.6481, 54.3349,
15.4325

■ 64.7438, 64.2992,
30.8293

■ 54.8637, 50.0213,
10.6347

■ 69.1247, 69.9875,
41.7650

■ 52.5332, 46.1247,
7.5009

■ 74.1016, 76.1689,
55.0537

■ 50.6019, 42.6181,
5.7602

■ 79.7019, 82.8590,
70.8256

50.1102, 41.6961,
5.4070

85.9510, 90.0723,
89.2012

92.5487, 97.6931,
108.5866

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



71.4879, 59.0848, 29.9415



60.9278, 59.0848, 22.1032



50.2983, 59.0848, 22.6482

Triad

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



60.9278, 59.0848, 22.1032



38.5895, 59.0848, 83.3526



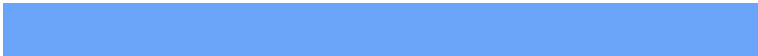
72.7299, 59.0848, 113.8121

Complementary

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



60.9278, 59.0848, 22.1032



36.7732, 36.9366, 95.6333

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.



62.4567, 59.0848, 139.3600



60.9278, 59.0848, 22.1032



43.1936, 59.0848, 118.2733

Square

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



60.9278, 59.0848, 22.1032



38.2907, 59.0848, 51.9375



51.6445, 59.0848, 141.2132



78.8655, 59.0848, 78.5594

Rectangle

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



60.9278, 59.0848, 22.1032



44.5764, 59.0848, 27.6501



51.6445, 59.0848, 141.2132



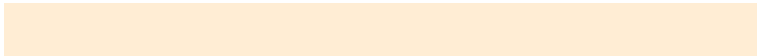
69.5904, 59.0848, 124.2496

Sweetspot

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



60.9292, 59.0877, 22.1044



83.4853, 86.8073, 74.4115



51.6188, 33.6145, 40.1258



17.6051, 18.2694, 15.1688



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.



60.9292, 59.0877, 22.1044



59.7195, 55.9581, 15.0601



72.1272, 87.6239, 27.0222



18.1025, 18.9410, 18.1643



26.7251, 22.4069, 2.9164



2.5792, 2.2833, 0.3048

Inverse Universe

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



36.7732, 36.9366, 95.6333



32.2500, 30.8272, 98.8582



30.1098, 21.3342, 92.9729



16.8609, 17.7987, 21.9321



11.7737, 8.9030, 49.0715



1.1915, 1.0267, 4.5785

Previews

White Background



This preview shows how the XYZ color 60.9278, 59.0848, 22.1032 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 60.9278, 59.0848, 22.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

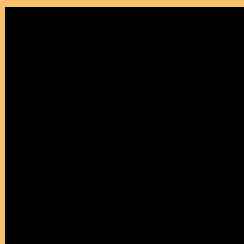
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9278, 59.0848, 22.1032

Background



This preview shows how black text looks on a background with the XYZ color 60.9278, 59.0848, 22.1032.



This preview shows how white text looks on a background with the XYZ color 60.9278, 59.0848,

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

60.9278, 59.0848, 22.1032

Protanopia

54.6566, 59.5475, 23.6520

Deuteranopia

60.4352, 59.1579, 22.1433



Tritanopia

68.1373, 59.1125, 60.0432

Trichromacy



Original Color

60.9278, 59.0848, 22.1032

Protanomaly

56.8422, 59.2963, 23.2013

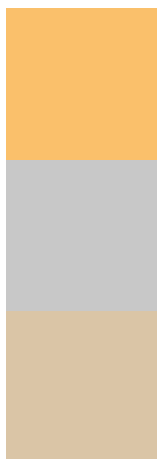
Deuteranomaly

60.7907, 59.3412, 22.1599

Tritanomaly

64.7678, 58.6808, 43.0349

Monochromacy



Original Color

60.9278, 59.0848, 22.1032

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7626, 57.5911, 44.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9278, 59.0848, 22.1032 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(250, 192, 107)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 107)  
}
```

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(250, 192, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 107) }
```

Border

The CSS property to change the border of an element to XYZ 60.9278, 59.0848, 22.1032 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(250, 192, 107) }
```


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

```
.border{ border-color:rgb(250, 192, 107) }
```

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

Here you see how a box with a 4 pixel rgb(250, 192, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 107);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9278, 59.0848, 22.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 107) }
```

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

```
.background{ background-color: rgb(250,  
192, 107) }
```

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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