

Converting Colors

XYZ(92.2418, 70.0879, 18.6960)

Have a look what the booklet for
XYZ(92.2418, 70.0879, 18.6960)
contains.

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Color

**XYZ(58.5017, 52.6927,
17.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF5C
RGB	255, 175, 92
RGB Percent	100%, 69%, 36%
CMY	0.0000, 0.3137, 0.6392
CMYK	0.00, 0.31, 0.64, 0.00
HSL	31°, 100%, 68%
HSV	31°, 64%, 100%
XYZ	58.5017, 52.6927, 17.2125
YIQ	189.4580, 74.3230, -8.8530

Conversions

Conversions Part 2

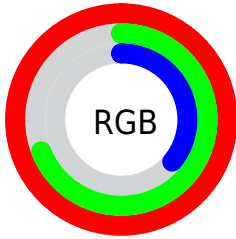
Format	Color
R_{YB}	249, 255, 92
Decimal	16756572
CIE _{Lab}	77.69, 21.47, 53.40
CIE _{LCh}	78, 57.552, 68.099
Yxy	52.6927, 0.4556, 0.4104
Android (android.graphics.Color)	4294946652 (0xFFFFAF5C)
YUV	189.4580, -48.0468, 57.4803
Hunter-Lab	72.5897, 16.8251, 36.7540

Details

The XYZ color **58.5017, 52.6927, 17.2125** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **37.2151, 38.9982, 100.1730**, and the grayscale version is **48.8706, 51.4156, 55.9916**.

A 20% lighter version of the original color is **74.9267, 80.4562, 38.3686**, and **29.6079, 25.5485, 5.4687** is the 20% darker color. If you saturate the color by 10%, you get **55.2453, 47.6738, 11.5225**, and if you desaturate by 10%, it is **62.3613, 58.3184, 24.9546**.

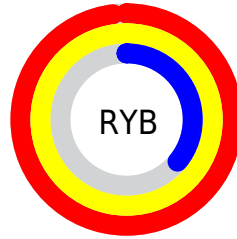
Distribution



Red (100%)

Green (69%)

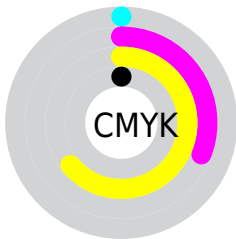
Blue (36%)



Red (98%)

Yellow (100%)

Blue (36%)

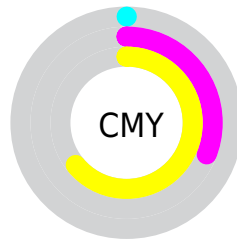


Cyan (0%)

Magenta (31%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5017, 52.6927, 17.2125 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 58.5017, 52.6927, 17.2125 by changing the saturation by 10% instead.


 58.5017, 52.6927,
17.2125

 58.5017, 52.6927,
17.2125


408.9766,
397.1050, 248.4793


 42.4569, 37.5575,
10.2226

 101.7719, 94.1520,
39.4864


 29.6519, 25.6394,
5.4392


 129.7280,
121.2450, 55.6075

 19.7213, 16.5541,
2.4440


 162.3853,
153.0926, 75.6093

 12.2997, 9.9171,
0.8103

 200.1091,
190.0793, 99.9105

 7.0218, 5.3440,
0.0000

243.2647,
232.5895, 128.9295

 3.5222, 2.4505,
0.0000

292.2177,

 1.4355, 0.8517,

281.0076, 163.0850

0.0000

347.3331,
335.7180, 202.7954

■ 0.2813, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5017, 52.6927,
17.2125

■ 58.5017, 52.6927,
17.2125

■ 55.2453, 47.6738,
11.5225

■ 62.3613, 58.3184,
24.9546

■ 52.5429, 43.2258,
7.6721

■ 66.8603, 64.5682,
34.9264

■ 50.3414, 39.3194,
5.4071

■ 72.0357, 71.4682,
47.2895

■ 49.2032, 37.1869,
4.5845

■ 77.9201, 79.0402,
62.1895

84.5440, 87.3047,
79.7603

91.9358, 96.2814,
100.1262

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



68.8932, 52.6927, 27.2447



58.5017, 52.6927, 17.2125



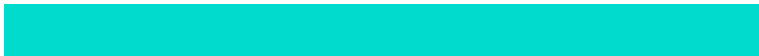
47.1265, 52.6927, 15.5592

Triad

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



58.5017, 52.6927, 17.2125



31.7347, 52.6927, 66.4532



64.4901, 52.6927, 120.4249

Complementary

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



58.5017, 52.6927, 17.2125



37.2151, 38.9982, 100.1730

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.



53.1603, 52.6927, 142.0152



58.5017, 52.6927, 17.2125



35.0519, 52.6927, 104.1372

Square

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



58.5017, 52.6927, 17.2125



32.7274, 52.6927, 37.4049



42.5131, 52.6927, 135.1496



72.6919, 52.6927, 83.4214

Rectangle

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



58.5017, 52.6927, 17.2125



40.6598, 52.6927, 18.4989



42.5131, 52.6927, 135.1496



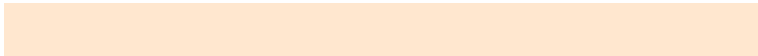
60.8597, 52.6927, 130.2496

Sweetspot

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



58.5029, 52.6953, 17.2135



81.0859, 83.0197, 70.4942



52.6584, 31.9511, 43.1814



16.9572, 17.2702, 14.0384



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.



58.5029, 52.6953, 17.2135



54.3567, 46.2447, 10.1515



78.9313, 93.5520, 24.0229



18.7741, 19.5164, 18.9219



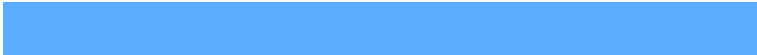
25.8599, 19.7310, 2.4455



2.6272, 2.1398, 0.2746

Inverse Universe

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



37.2151, 38.9982, 100.1730



31.5560, 31.5852, 99.0411



26.2911, 17.1500, 96.5316



17.7391, 18.8498, 22.9534



13.4215, 11.7527, 50.9957



1.4158, 1.3623, 5.0016

Previews

White Background



This preview shows how the XYZ color 58.5017, 52.6927, 17.2125 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 58.5017, 52.6927, 17.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

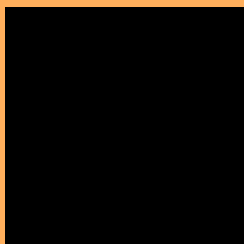
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5017, 52.6927, 17.2125

Background



This preview shows how black text looks on a background with the XYZ color 58.5017, 52.6927, 17.2125.



This preview shows how white text looks on a background with the XYZ color 58.5017, 52.6927,

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

58.5017, 52.6927, 17.2125

Protanopia

48.4259, 53.0188, 19.2366

Deuteranopia

54.0388, 52.7823, 17.0127



Tritanopia

63.3793, 52.5199, 49.4447

Trichromacy



Original Color

58.5017, 52.6927, 17.2125

Protanomaly

51.6651, 52.4563, 18.4684

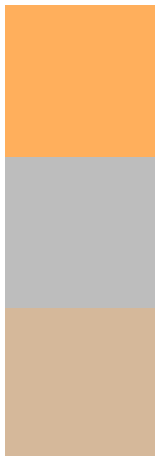
Deuteranomaly

55.5178, 52.6309, 17.1302

Tritanomaly

61.0694, 52.4924, 34.5171

Monochromacy



Original Color

58.5017, 52.6927, 17.2125

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.4138, 50.7602, 37.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5017, 52.6927, 17.2125 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(255, 175, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 92)  
}
```

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(255, 175, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 92) }
```

Border

The CSS property to change the border of an element to XYZ 58.5017, 52.6927, 17.2125 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(255, 175, 92) }
```


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

```
.border{ border-color:rgb(255, 175, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5017, 52.6927, 17.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 92) }
```

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

```
.background{ background-color: rgb(255,  
175, 92) }
```

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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