

Converting Colors

XYZ(56.3654, 54.0708, 13.0962)

Have a look what the booklet for
XYZ(56.3654, 54.0708, 13.0962)
contains.

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Color

**XYZ(56.3654, 54.0708,
13.0962)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F7B745 |
| RGB | 247, 183, 69 |
| RGB Percent | 97%, 72%, 27% |
| CMY | 0.0314, 0.2823, 0.7294 |
| CMYK | 0.00, 0.26, 0.72, 0.03 |
| HSL | 38°, 92%, 62% |
| HSV | 38°, 72%, 97% |
| XYZ | 56.3654, 54.0708, 13.0962 |
| YIQ | 189.1400, 74.7380, -21.8860 |

Conversions

Conversions Part 2

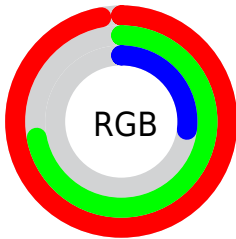
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 169, 247, 69 |
| Decimal | 16234309 |
| CIE _{Lab} | 78.50, 12.74, 64.21 |
| CIE _{LCh} | 79, 65.462, 78.782 |
| Yxy | 54.0708, 0.4563, 0.4377 |
| Android (android.graphics.Color) | 4294424389 (0xFFFF7B745) |
| YUV | 189.1400, -59.2290, 50.7432 |
| Hunter-Lab | 73.5328, 8.1438, 40.9134 |

Details

The XYZ color **56.3654, 54.0708, 13.0962** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **27.6299, 24.7547, 91.3168**, and the grayscale version is **48.7498, 51.2886, 55.8533**.

A 20% lighter version of the original color is **75.6817, 84.4231, 31.0453**, and **28.2323, 26.4044, 3.6085** is the 20% darker color. If you saturate the color by 10%, you get **53.9784, 50.2792, 9.2728**, and if you desaturate by 10%, it is **59.1894, 58.2264, 18.6393**.

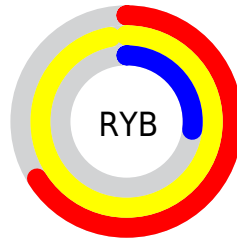
Distribution



Red (97%)

Green (72%)

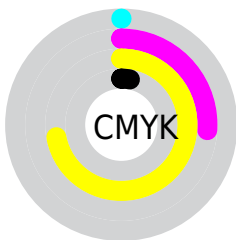
Blue (27%)



Red (66%)

Yellow (97%)

Blue (27%)

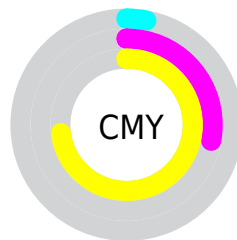


Cyan (0%)

Magenta (26%)

Yellow (72%)

Black (3%)



Cyan (3%)


Magenta (28%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3654, 54.0708, 13.0962 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 56.3654, 54.0708, 13.0962 by changing the saturation by 10% instead.


 56.3654, 54.0708,
13.0962

 56.3654, 54.0708,
13.0962


401.1198,
402.3799, 222.7627


 40.7341, 38.6583,
7.3633


 98.6753, 96.1782,
32.1702


 28.2981, 26.4940,
3.6085


 126.0847,
123.6418, 46.3484


 18.6921, 17.1936,
1.4131


 158.1508,
155.8913, 64.1789

 11.5507, 10.3726,
0.1519

 195.2390,
193.3110, 86.0800

 6.5085, 5.6467,
0.0000

 237.7147,
236.2853, 112.4704

 3.2003, 2.6315,
0.0000

285.9431,

 1.2605, 0.9425,

285.1987, 143.7686

0.0000

340.2897,
340.4354, 180.3932

■ 0.1534, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3654, 54.0708,
13.0962

■ 56.3654, 54.0708,
13.0962

■ 53.9784, 50.2792,
9.2728

■ 59.1894, 58.2264,
18.6393


■ 51.9799, 46.8225,
6.9415


■ 62.4839, 62.7563,
26.0855


■ 50.6182, 44.2956,
5.8820


■ 66.2827, 67.6793,
35.5977


■ 70.6153, 73.0104,
47.3205

 75.5083, 78.7632,
61.3852

 80.9865, 84.9507,
77.9131

 87.0729, 91.5849,
97.0167

 91.8642, 97.9075,
108.6640

 92.1675, 98.5140,
108.7651

Harmonies

Analogous

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



69.5093, 54.0708, 20.0030



56.3654, 54.0708, 13.0962



43.8209, 54.0708, 14.0059

Triad

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



56.3654, 54.0708, 13.0962



31.3227, 54.0708, 84.8033



72.3742, 54.0708, 119.1033

Complementary

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



56.3654, 54.0708, 13.0962



27.6299, 24.7547, 91.3168

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.



59.7900, 54.0708, 154.8509



56.3654, 54.0708, 13.0962



36.7339, 54.0708, 130.0070

Square

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



56.3654, 54.0708, 13.0962



30.7185, 54.0708, 46.1195



46.7214, 54.0708, 159.5130



79.7293, 54.0708, 73.7865

Rectangle

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



56.3654, 54.0708, 13.0962



37.3830, 54.0708, 19.0733



46.7214, 54.0708, 159.5130



68.5267, 54.0708, 133.3242

Sweetspot

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



56.3666, 54.0735, 13.0972



81.1972, 84.6989, 66.0409



44.8077, 25.7595, 25.2631



17.0605, 17.7596, 13.2010



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.



56.3666, 54.0735, 13.0972



57.1102, 52.4982, 8.7683



64.8484, 82.6810, 18.1720



17.3844, 18.2529, 17.4045



26.9099, 23.7054, 3.1573



2.4622, 2.2777, 0.3099

Inverse Universe

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



27.6299, 24.7547, 91.3168



24.8458, 19.7470, 97.1098



23.4043, 13.2855, 89.3258



16.0688, 16.9018, 20.9580



10.8815, 7.5568, 47.4231



1.0501, 0.8516, 4.1993

Previews

White Background



This preview shows how the XYZ color 56.3654, 54.0708, 13.0962 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 56.3654, 54.0708, 13.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

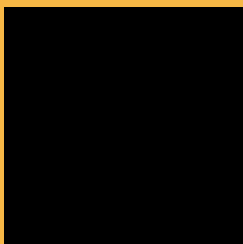
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3654, 54.0708, 13.0962

Background



This preview shows how black text looks on a background with the XYZ color 56.3654, 54.0708, 13.0962.



This preview shows how white text looks on a background with the XYZ color 56.3654, 54.0708,

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

56.3654, 54.0708, 13.0962

Protanopia

49.3001, 54.2498, 14.0038

Deuteranopia

55.3545, 54.1700, 13.0072



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

56.3654, 54.0708, 13.0962

Protanomaly

51.7630, 54.2105, 13.6967

Deuteranomaly

55.4921, 53.9314, 12.9539

Tritanomaly

60.3573, 53.3084, 32.6996

Monochromacy



Original Color

56.3654, 54.0708, 13.0962

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.4595, 51.2866, 34.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3654, 54.0708, 13.0962 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(247, 183, 69)` looks like.

```
.text, #text, p{  
    color:rgb(247, 183, 69)  
}
```

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(247, 183, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 183, 69) }
```

Border

The CSS property to change the border of an element to XYZ 56.3654, 54.0708, 13.0962 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(247, 183, 69) }
```


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

```
.border{ border-color:rgb(247, 183, 69) }
```

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

Here you see how a box with a 4 pixel rgb(247, 183, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 183, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 183, 69);  
box-shadow:4px 4px 4px 4px rgb(247, 183,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3654, 54.0708, 13.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 183, 69) }
```

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

```
.background{ background-color: rgb(247,  
183, 69) }
```

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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