

Converting Colors

XYZ(58.3815, 55.5080, 7.7521)

Have a look what the booklet for
XYZ(58.3815, 55.5080, 7.7521)
contains.

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Color

**XYZ(58.4024, 55.5497,
7.7589)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB804
RGB	255, 184, 4
RGB Percent	100%, 72%, 2%
CMY	0.0000, 0.2784, 0.9842
CMYK	0.00, 0.28, 0.98, 0.00
HSL	43°, 100%, 51%
HSV	43°, 98%, 100%
XYZ	58.4024, 55.5497, 7.7589
YIQ	184.7090, 100.0960, -40.9280

Conversions

Conversions Part 2

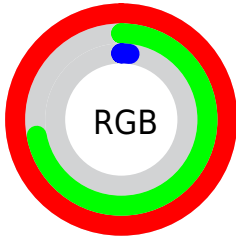
Format	Color
R _Y B	103, 255, 4
Decimal	16758788
CIE Lab	79.36, 14.06, 81.49
CIE LCh	79, 82.695, 80.214
Yxy	55.5497, 0.4798, 0.4564
Android (android.graphics.Color)	4294948868 (0xFFFFB804)
YUV	184.7090, -89.0895, 61.6452
Hunter-Lab	74.5317, 9.4407, 46.0000

Details

The XYZ color **58.4024, 55.5497, 7.7589** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **20.6171, 12.2798, 95.8906**, and the grayscale version is **46.3954, 48.8116, 53.1558**.

A 20% lighter version of the original color is **74.0003, 84.2203, 20.7434**, and **29.8545, 27.4391, 3.7228** is the 20% darker color. If you saturate the color by 10%, you get **58.1463, 55.0731, 7.5655**, and if you desaturate by 10%, it is **60.1467, 58.7087, 9.3583**.

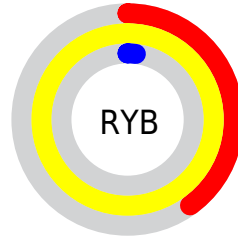
Distribution



Red (100%)

Green (72%)

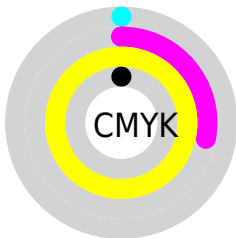
Blue (2%)



Red (40%)

Yellow (100%)

Blue (2%)

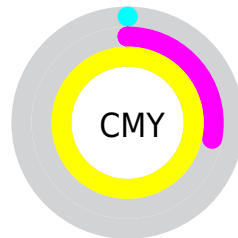


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4024, 55.5497, 7.7589 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 58.4024, 55.5497, 7.7589 by changing the saturation by 10% instead.

 58.4024, 55.5497,
7.7589


 58.4024, 55.5497,
7.7589


408.6134,
407.9923, 183.6919


 42.3768, 39.8420,
3.8555


 101.6282, 98.3459,
22.0227

 29.5888, 27.4154,
1.5464


 129.5591,
126.2032, 33.2203

 19.6732, 17.8854,
0.2522

 162.1891,
158.8791, 47.6862

 12.2646, 10.8678,
0.0000

 199.8836,
196.7581, 65.8392

 6.9976, 5.9780,
0.0000

 243.0079,
240.2245, 88.0977

 3.5069, 2.8317,
0.0000

 291.9274,

 1.4272, 1.0445,

289.6627, 114.8803

0.0000

347.0075,
345.4572, 146.6056

■ 0.2755, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4024, 55.5497,
7.7589

■ 58.4024, 55.5497,
7.7589

■ 58.1463, 55.0731,
7.5655

■ 60.1467, 58.7087,
9.3583

■ 62.2229, 62.1222,
12.3283

■ 64.6931, 65.8190,
16.9852

■ 67.6010, 69.8183,
23.5545

70.9838, 74.1367,
32.2266

74.8742, 78.7888,
43.1687

79.3017, 83.7881,
56.5313

84.2933, 89.1469,
72.4516

89.8741, 94.8768,
91.0568

Harmonies

Analogous

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



75.9298, 55.5497, 13.9657



58.4024, 55.5497, 7.7589



42.5349, 55.5497, 8.9029

Triad

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



58.4024, 55.5497, 7.7589



28.1839, 55.5497, 97.8173



81.2680, 55.5497, 139.7045

Complementary

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



58.4024, 55.5497, 7.7589



20.6171, 12.2798, 95.8906

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.



64.5927, 55.5497, 192.9167



58.4024, 55.5497, 7.7589



34.9181, 55.5497, 161.2174

Square

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



58.4024, 55.5497, 7.7589



27.2089, 55.5497, 46.2596



47.5647, 55.5497, 202.3692



90.8405, 55.5497, 77.3614

Rectangle

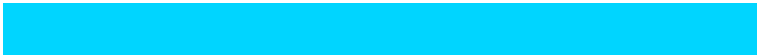
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.4024, 55.5497, 7.7589



34.7800, 55.5497, 14.1310



47.5647, 55.5497, 202.3692



76.1620, 55.5497, 160.3775

Sweetspot

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



58.4036, 55.5525, 7.7600



78.5674, 82.9770, 54.2584



42.5578, 21.8569, 8.6559



16.4106, 17.3052, 10.3784



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.



58.4036, 55.5525, 7.7600



58.1467, 55.0735, 7.5656



59.7672, 83.8932, 13.1584



19.1015, 20.1712, 19.0310



30.5162, 29.0436, 3.9976



3.0641, 3.0136, 0.4202

Inverse Universe

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



20.6171, 12.2798, 95.8906



20.3758, 11.8715, 95.8253



19.8617, 8.2188, 95.1466



17.4213, 18.2143, 22.8475



10.7552, 6.4200, 50.1069



1.1351, 0.8010, 4.9080

Previews

White Background



This preview shows how the XYZ color 58.4024, 55.5497, 7.7589 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 58.4024, 55.5497, 7.7589 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 58.4024, 55.5497, 7.7589

Background



This preview shows how black text looks on a background with the XYZ color 58.4024, 55.5497, 7.7589.



This preview shows how white text looks on a background with the XYZ color 58.4024, 55.5497,

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

58.4024, 55.5497, 7.7589

Protanopia

50.1767, 55.4966, 8.5193

Deuteranopia

56.8372, 55.6804, 7.7517



Tritanopia

65.4329, 55.4651, 53.7115

Trichromacy



Original Color

58.4024, 55.5497, 7.7589

Protanomaly

52.8417, 55.2159, 8.1893

Deuteranomaly

57.3480, 55.6292, 7.7437

Tritanomaly

60.5506, 54.4569, 25.0892

Monochromacy



Original Color

58.4024, 55.5497, 7.7589

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.2571, 49.7315, 24.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4024, 55.5497, 7.7589 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, 184, 4)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 4)  
}
```

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, 184, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 4) }
```

Border

The CSS property to change the border of an element to XYZ 58.4024, 55.5497, 7.7589 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, 184, 4) }
```


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

```
.border{ border-color:rgb(255, 184, 4) }
```

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

Here you see how a box with a 4 pixel rgb(255, 184, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 4);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4024, 55.5497, 7.7589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 4) }
```

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

```
.background{ background-color: rgb(255,  
184, 4) }
```

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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