

Converting Colors

XYZ(55.1231, 50.6089, 13.2790)

Have a look what the booklet for
XYZ(55.1231, 50.6089, 13.2790)
contains.

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Color

**XYZ(55.0835, 50.7230,
13.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	F8AE4A
RGB	248, 174, 74
RGB Percent	97%, 68%, 29%
CMY	0.0275, 0.3176, 0.7098
CMYK	0.00, 0.30, 0.70, 0.03
HSL	34°, 93%, 63%
HSV	34°, 70%, 97%
XYZ	55.0835, 50.7230, 13.3659
YIQ	184.7260, 76.2040, -15.4120

Conversions

Conversions Part 2

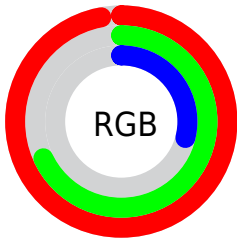
Format	Color
RYB	203, 248, 74
Decimal	16297546
CIELab	76.51, 18.11, 60.10
CIElCh	77, 62.774, 73.229
Yxy	50.7230, 0.4622, 0.4256
Android (android.graphics.Color)	4294487626 (0xFFF8AE4A)
YUV	184.7260, -54.5879, 55.4913
Hunter-Lab	71.2201, 13.4215, 38.7271

Details

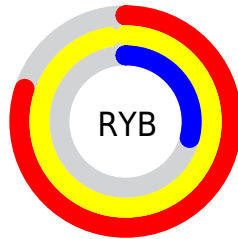
The XYZ color **55.0835, 50.7230, 13.3659** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **30.3567, 29.4117, 92.8834**, and the grayscale version is **46.2271, 48.6345, 52.9630**.

A 20% lighter version of the original color is **73.0901, 78.8309, 31.4423**, and **27.5393, 24.5184, 3.7330** is the 20% darker color. If you saturate the color by 10%, you get **52.4490, 46.5381, 9.1467**, and if you desaturate by 10%, it is **58.2095, 55.3647, 19.3736**.

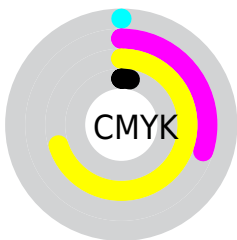
Distribution



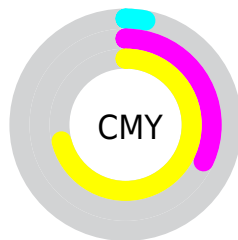
- Red (97%)
- Green (68%)
- Blue (29%)



- Red (80%)
- Yellow (97%)
- Blue (29%)



- Cyan (0%)
- Magenta (30%)
- Yellow (70%)
- Black (3%)




- Cyan (3%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0835, 50.7230, 13.3659 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 55.0835, 50.7230, 13.3659 by changing the saturation by 10% instead.


 55.0835, 50.7230,
13.3659

 55.0835, 50.7230,
13.3659


396.3596,
389.4866, 224.5391


 39.7027, 35.9882,
7.5473


 96.8109, 91.2452,
32.6604


 27.4900, 24.4251,
3.7231


 123.8882,
117.8014, 46.9733


 18.0800, 15.6493,
1.4747


 155.5950,
149.0668, 64.9548

 11.1075, 9.2763,
0.1990

 192.2967,
185.4259, 87.0233

 6.2070, 4.9218,
0.0000

 234.3587,
227.2630, 113.5975

 3.0132, 2.2015,
0.0000

282.1463,

 1.1608, 0.7208,

274.9626, 145.0958

0.0000

336.0248,
328.9090, 181.9369

■ 0.0750, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0835, 50.7230,
13.3659

■ 55.0835, 50.7230,
13.3659

■ 52.4490, 46.5381,
9.1467

■ 58.2095, 55.3647,
19.3736


■ 50.2575, 42.7784,
6.4945


■ 61.8616, 60.4763,
27.3501


■ 48.4642, 39.4625,
5.0627


■ 66.0745, 66.0794,
37.4566

■ 70.8787, 72.1914,
49.8368

 76.3020, 78.8287,
64.6217

 82.3704, 86.0066,
81.9322

 89.1082, 93.7397,
101.8812

 92.5211, 98.6963,
108.7817

Harmonies

Analogous

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



66.7762, 50.7230, 21.5240



55.0835, 50.7230, 13.3659



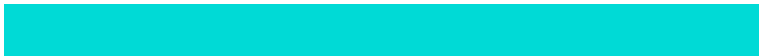
43.1857, 50.7230, 12.9649

Triad

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



55.0835, 50.7230, 13.3659



29.2693, 50.7230, 71.5355



65.5473, 50.7230, 117.6675

Complementary

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



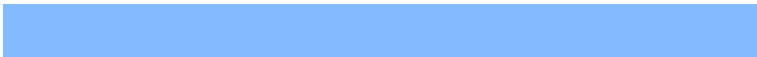
55.0835, 50.7230, 13.3659



30.3567, 29.4117, 92.8834

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.



53.6111, 50.7230, 146.1316



55.0835, 50.7230, 13.3659



33.4510, 50.7230, 113.0115

Square

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



55.0835, 50.7230, 13.3659



29.5312, 50.7230, 38.4690



41.9347, 50.7230, 144.1451



73.4620, 50.7230, 76.2619

Rectangle

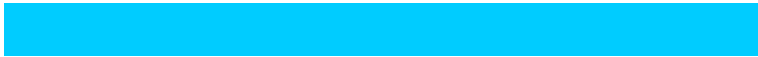
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0835, 50.7230, 13.3659



36.7791, 50.7230, 16.6695



41.9347, 50.7230, 144.1451



61.7950, 50.7230, 129.7019

Sweetspot

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



55.0847, 50.7255, 13.3669



80.7564, 83.3398, 67.3662



46.6171, 27.0371, 31.3638



16.9323, 17.4104, 13.4441



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.



55.0847, 50.7255, 13.3669



54.8962, 47.9377, 8.4391



69.5282, 85.5302, 19.3236



18.0730, 18.8819, 18.1544



26.3226, 21.6018, 2.7822



2.5430, 2.2108, 0.2927

Inverse Universe

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



30.3567, 29.4117, 92.8834



27.1927, 24.1598, 97.8378



23.1935, 13.6349, 90.2157



16.8898, 17.8565, 21.9417



12.0394, 9.4344, 49.1600



1.2177, 1.0790, 4.5873

Previews

White Background



This preview shows how the XYZ color 55.0835, 50.7230, 13.3659 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 55.0835, 50.7230, 13.3659 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 55.0835, 50.7230, 13.3659

Background



This preview shows how black text looks on a background with the XYZ color 55.0835, 50.7230, 13.3659.



This preview shows how white text looks on a background with the XYZ color 55.0835, 50.7230,

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

55.0835, 50.7230, 13.3659

Protanopia

46.4367, 50.7941, 14.5645

Deuteranopia

52.0830, 50.9433, 13.2189



Tritanopia

62.1737, 50.5890, 47.5620

Trichromacy



Original Color

55.0835, 50.7230, 13.3659

Protanomaly

49.2205, 50.6641, 14.2061

Deuteranomaly

53.0582, 50.8471, 13.3213

Tritanomaly

58.6238, 50.1970, 31.0253

Monochromacy



Original Color

55.0835, 50.7230, 13.3659

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.6471, 48.5020, 33.6386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0835, 50.7230, 13.3659 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(248, 174, 74)` looks like.

```
.text, #text, p{  
    color:rgb(248, 174, 74)  
}
```

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(248, 174, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 174, 74) }
```

Border

The CSS property to change the border of an element to XYZ 55.0835, 50.7230, 13.3659 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(248, 174, 74) }
```


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

```
.border{ border-color:rgb(248, 174, 74) }
```

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

Here you see how a box with a 4 pixel rgb(248, 174, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 174, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 174, 74);  
box-shadow:4px 4px 4px 4px rgb(248, 174,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0835, 50.7230, 13.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 174, 74) }
```

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

```
.background{ background-color: rgb(248,  
174, 74) }
```

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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