

Converting Colors

XYZ(56.4151, 55.1322, 8.4272)

Have a look what the booklet for
XYZ(56.4151, 55.1322, 8.4272)
contains.

XYZ(56.4151, 55.1322, 8.4272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4151, 55.1322,
8.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BA16
RGB	248, 186, 22
RGB Percent	97%, 73%, 9%
CMY	0.0275, 0.2706, 0.9137
CMYK	0.00, 0.25, 0.91, 0.03
HSL	44°, 94%, 53%
HSV	44°, 91%, 97%
XYZ	56.4151, 55.1322, 8.4272
YIQ	185.8420, 89.5960, -37.8600

Conversions

Conversions Part 2

Format	Color
RYB	107, 248, 22
Decimal	16300566
CIELab	79.12, 10.21, 78.76
CIELCh	79, 79.422, 82.613
Yxy	55.1322, 0.4702, 0.4595
Android (android.graphics.Color)	4294490646 (0xFFFF8BA16)
YUV	185.8420, -80.7741, 54.5126
Hunter-Lab	74.2511, 5.6829, 45.2466

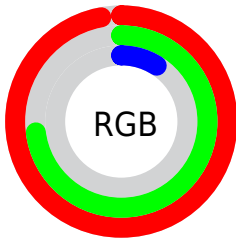
Details

The XYZ color **56.4151, 55.1322, 8.4272** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed orange. A complement of this color would be **20.4448, 13.2891, 90.2937**, and the grayscale version is **46.9885, 49.4356, 53.8354**.

A 20% lighter version of the original color is **74.8376, 85.5024, 22.2321**, and **28.6372, 27.2142, 3.7435** is the 20% darker color. If you saturate the color by 10%, you get **55.0260, 52.5862, 7.2500**, and if you desaturate by 10%, it is **58.2483, 58.2159, 10.8361**.

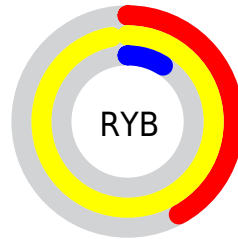
Distribution



Red (97%)

Green (73%)

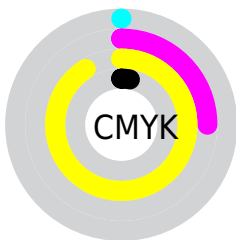
Blue (9%)



Red (42%)

Yellow (97%)

Blue (9%)

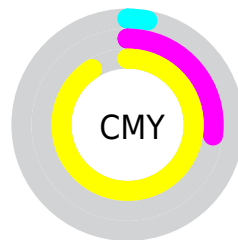


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (3%)



Cyan (3%)


Magenta (27%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4151, 55.1322, 8.4272 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 56.4151, 55.1322, 8.4272 by changing the saturation by 10% instead.


 56.4151, 55.1322,
8.4272


 56.4151, 55.1322,
8.4272


401.3037,
406.4129, 189.1034


 40.7741, 39.5076,
4.2778


 98.7475, 97.7346,
23.3516


 28.3295, 27.1548,
1.7790


 126.1697,
125.4812, 34.9637

 18.7159, 17.6895,
0.4140


 158.2497,
158.0372, 49.9005

 11.5680, 10.7273,
0.0000

 195.3528,
195.7871, 68.5805

 6.5203, 5.8838,
0.0000

 237.8444,
239.1152, 91.4223

 3.2076, 2.7745,
0.0000

 286.0898,

 1.2645, 1.0152,

288.4059, 118.8443

0.0000

340.4545,
344.0437, 151.2651

■ 0.1564, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4151, 55.1322,
8.4272

■ 56.4151, 55.1322,
8.4272

■ 55.0260, 52.5862,
7.2500

■ 58.2483, 58.2159,
10.8361

■ 60.4328, 61.5486,
14.7594

■ 63.0129, 65.1515,
20.4201

■ 66.0245, 69.0406,
28.0032

69.4991, 73.2298,
37.6702

73.4649, 77.7318,
49.5651

77.9476, 82.5581,
63.8193

82.9708, 87.7196,
80.5538

88.5570, 93.2264,
99.8815

Harmonies

Analogous

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



73.1528, 55.1322, 13.9771



56.4151, 55.1322, 8.4272



41.5425, 55.1322, 10.1483

Triad

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



56.4151, 55.1322, 8.4272



29.0169, 55.1322, 100.1974



80.5138, 55.1322, 130.0855

Complementary

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



56.4151, 55.1322, 8.4272



20.4448, 13.2891, 90.2937

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.



65.0049, 55.1322, 181.8981



56.4151, 55.1322, 8.4272



36.0002, 55.1322, 159.4138

Square

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



56.4151, 55.1322, 8.4272



27.6312, 55.1322, 49.5002



48.5829, 55.1322, 194.7124



88.7755, 55.1322, 71.9553

Rectangle

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



56.4151, 55.1322, 8.4272



34.3692, 55.1322, 16.0025



48.5829, 55.1322, 194.7124



75.8423, 55.1322, 149.8100

Sweetspot

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



56.4163, 55.1350, 8.4283



80.1470, 84.8677, 58.6949



40.6795, 21.2031, 10.7613



16.8161, 17.7956, 11.5013



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.



56.4163, 55.1350, 8.4283



58.5993, 55.9786, 7.7164



57.2745, 79.3391, 13.0549



18.3012, 19.3383, 18.2305



29.8486, 28.6538, 3.9575



2.8529, 2.8307, 0.3960

Inverse Universe

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



20.4448, 13.2891, 90.2937



20.2371, 11.5941, 95.7790



19.8269, 8.6901, 89.4385



16.6705, 17.4178, 21.8686



10.3702, 6.0960, 48.6036



1.0449, 0.7334, 4.5297

Previews

White Background



This preview shows how the XYZ color 56.4151, 55.1322, 8.4272 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 56.4151, 55.1322, 8.4272 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 56.4151, 55.1322, 8.4272

Background



This preview shows how black text looks on a background with the XYZ color 56.4151, 55.1322, 8.4272.



This preview shows how white text looks on a background with the XYZ color 56.4151, 55.1322,

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

56.4151, 55.1322, 8.4272

Protanopia

49.9715, 55.3792, 9.0328

Deuteranopia

56.4151, 55.1322, 8.4272



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

56.4151, 55.1322, 8.4272

Protanomaly

52.2004, 55.1990, 8.8229

Deuteranomaly

56.4151, 55.1322, 8.4272

Tritanomaly

59.8312, 54.0426, 27.0165

Monochromacy



Original Color

56.4151, 55.1322, 8.4272

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.6193, 50.1795, 26.9145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4151, 55.1322, 8.4272 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, 186, 22)` looks like.

```
.text, #text, p{  
    color:rgb(248, 186, 22)  
}
```

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, 186, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 186, 22) }
```

Border

The CSS property to change the border of an element to XYZ 56.4151, 55.1322, 8.4272 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, 186, 22) }
```


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

```
.border{ border-color:rgb(248, 186, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 186, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 186, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 186, 22);  
box-shadow:4px 4px 4px 4px rgb(248, 186,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4151, 55.1322, 8.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 186, 22) }
```

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

```
.background{ background-color: rgb(248,  
186, 22) }
```

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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