

Converting Colors

XYZ(55.6872, 52.7390, 17.5171)

Have a look what the booklet for
XYZ(55.6872, 52.7390, 17.5171)
contains.

XYZ(55.6053, 52.6659, 17.5908)	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(55.6053, 52.6659,
17.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B45D
RGB	244, 180, 93
RGB Percent	96%, 71%, 36%
CMY	0.0431, 0.2941, 0.6353
CMYK	0.00, 0.26, 0.62, 0.04
HSL	35°, 87%, 66%
HSV	35°, 62%, 96%
XYZ	55.6053, 52.6659, 17.5908
YIQ	189.2180, 66.0710, -13.4890

Conversions

Conversions Part 2

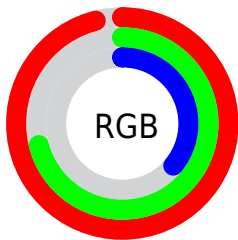
Format	Color
RYB	204, 244, 93
Decimal	16036957
CIELab	77.68, 14.40, 52.58
CIELCh	78, 54.520, 74.688
Yxy	52.6659, 0.4418, 0.4184
Android (android.graphics.Color)	4294227037 (0xFFFF4B45D)
YUV	189.2180, -47.4355, 48.0438
Hunter-Lab	72.5713, 9.7699, 36.4284

Details

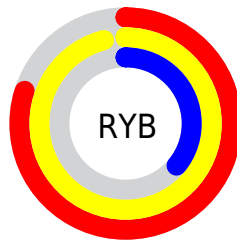
The XYZ color **55.6053, 52.6659, 17.5908** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **32.8998, 32.9715, 90.2177**, and the grayscale version is **48.7325, 51.2703, 55.8334**.

A 20% lighter version of the original color is **76.4238, 83.3262, 39.2497**, and **27.7568, 25.5292, 5.5625** is the 20% darker color. If you saturate the color by 10%, you get **52.6821, 48.2820, 12.1085**, and if you desaturate by 10%, it is **59.0315, 57.5044, 24.9422**.

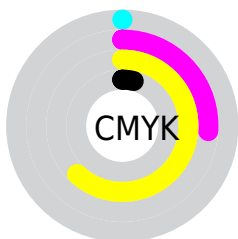
Distribution



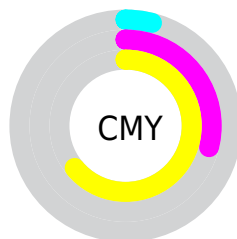
- Red (96%)
- Green (71%)
- Blue (36%)



- Red (80%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (62%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6053, 52.6659, 17.5908 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 55.6053, 52.6659, 17.5908 by changing the saturation by 10% instead.


 55.6053, 52.6659,
17.5908


 55.6053, 52.6659,
17.5908


398.3015,
397.0020, 250.7125

 40.1223, 37.5361,
10.4902

 97.5704, 94.1126,
40.1433


 27.8186, 25.6229,
5.6153


 124.7832,
121.1982, 56.4323

 18.3287, 16.5417,
2.5477

 156.6367,
153.0380, 76.6211

 11.2873, 9.9083,
0.8652

 193.4962,
190.0163, 101.1284

 6.3292, 5.3382,
0.0000

235.7271,
232.5174, 130.3727

 3.0888, 2.4470,
0.0000

283.6947,

 1.2009, 0.8499,

280.9258, 164.7724

0.0000

337.7644,
335.6259, 204.7462

■ 0.1071, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6053, 52.6659,
17.5908

■ 55.6053, 52.6659,
17.5908

■ 52.6821, 48.2820,
12.1085

■ 59.0315, 57.5044,
24.9422

■ 50.2206, 44.3245,
8.3115


■ 62.9897, 62.8081,
34.3168


■ 48.1775, 40.7727,
5.9833


■ 67.5111, 68.5965,
45.8562


■ 46.7728, 38.1625,
4.9009

■ 72.6225, 74.8855,
59.6879

 78.3493, 81.6898,
75.9299

 84.7150, 89.0236,
94.6918

 90.2917, 96.3204,
108.4405

 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



65.9014, 52.6659, 25.4333



55.6053, 52.6659, 17.5908



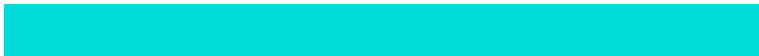
45.0902, 52.6659, 17.5164

Triad

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



55.6053, 52.6659, 17.5908



32.8934, 52.6659, 73.3644



65.7138, 52.6659, 109.3310

Complementary

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



55.6053, 52.6659, 17.5908



32.8998, 32.9715, 90.2177

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.



55.3766, 52.6659, 133.8570



55.6053, 52.6659, 17.5908



36.9811, 52.6659, 108.6441

Square

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



55.6053, 52.6659, 17.5908



32.9367, 52.6659, 43.3351



44.8913, 52.6659, 133.5688



72.2719, 52.6659, 74.0875

Rectangle

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



55.6053, 52.6659, 17.5908



39.3818, 52.6659, 21.6215



44.8913, 52.6659, 133.5688



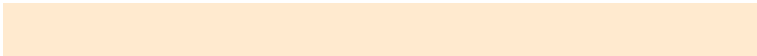
62.5064, 52.6659, 119.5745

Sweetspot

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



55.6065, 52.6685, 17.5918



82.0034, 84.8547, 70.8000



47.4317, 29.5458, 35.7473



17.1789, 17.7135, 14.1123



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.



55.6065, 52.6685, 17.5918



57.5677, 52.3278, 12.2669



68.2362, 82.9726, 22.7754



17.2921, 18.0683, 17.3737



25.5709, 21.0273, 2.7109



2.3491, 2.0515, 0.2722

Inverse Universe

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



32.8998, 32.9715, 90.2177



30.6379, 29.0304, 98.5964



25.8451, 17.2485, 87.5547



16.1585, 17.0812, 20.9879



11.6670, 9.1278, 47.6850



1.1249, 1.0013, 4.2242

Previews

White Background



This preview shows how the XYZ color 55.6053, 52.6659, 17.5908 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 55.6053, 52.6659, 17.5908 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 55.6053, 52.6659, 17.5908

Background



This preview shows how black text looks on a background with the XYZ color 55.6053, 52.6659, 17.5908.



This preview shows how white text looks on a background with the XYZ color 55.6053, 52.6659,

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

55.6053, 52.6659, 17.5908

Protanopia

48.1587, 52.5594, 18.9160

Deuteranopia

53.7903, 52.6442, 17.4515



Tritanopia

62.7056, 52.6776, 51.6626

Trichromacy



Original Color

55.6053, 52.6659, 17.5908

Protanomaly

50.8350, 52.6583, 18.5511

Deuteranomaly

54.5949, 52.7539, 17.4303

Tritanomaly

59.3525, 52.4306, 35.8461

Monochromacy



Original Color

55.6053, 52.6659, 17.5908

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6861, 51.0062, 37.7983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6053, 52.6659, 17.5908 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(244, 180, 93)` looks like.

```
.text, #text, p{  
    color:rgb(244, 180, 93)  
}
```

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(244, 180, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 180, 93) }
```

Border

The CSS property to change the border of an element to XYZ 55.6053, 52.6659, 17.5908 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(244, 180, 93) }
```


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

```
.border{ border-color:rgb(244, 180, 93) }
```

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

Here you see how a box with a 4 pixel rgb(244, 180, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 180, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 180, 93);  
box-shadow:4px 4px 4px 4px rgb(244, 180,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6053, 52.6659, 17.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 180, 93) }
```

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

```
.background{ background-color: rgb(244,  
180, 93) }
```

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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