

Converting Colors

XYZ(55.7679, 52.4578, 23.5743)

Have a look what the booklet for
XYZ(55.7679, 52.4578, 23.5743)
contains.

XYZ(55.5481, 52.2019, 23.6713)	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(55.5481, 52.2019,
23.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B374
RGB	241, 179, 116
RGB Percent	95%, 70%, 45%
CMY	0.0549, 0.2980, 0.5451
CMYK	0.00, 0.26, 0.52, 0.05
HSL	30°, 82%, 70%
HSV	30°, 52%, 95%
XYZ	55.5481, 52.2019, 23.6713
YIQ	190.3560, 57.1750, -6.4490

Conversions

Conversions Part 2

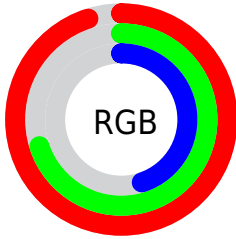
Format	Color
R _Y B	239, 241, 116
Decimal	15840116
CIE Lab	77.40, 15.44, 40.78
CIE LCh	77, 43.604, 69.257
Yxy	52.2019, 0.4227, 0.3972
Android (android.graphics.Color)	4294030196 (0xFFFF1B374)
YUV	190.3560, -36.6575, 44.4148
Hunter-Lab	72.2509, 10.7958, 31.1506

Details

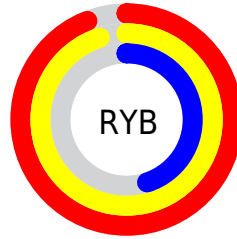
The XYZ color **55.5481, 52.2019, 23.6713** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.9993, 41.9029, 89.2514**, and the grayscale version is **49.3318, 51.9009, 56.5200**.

A 20% lighter version of the original color is **78.1098, 83.5412, 49.5444**, and **27.7356, 25.2601, 8.5681** is the 20% darker color. If you saturate the color by 10%, you get **52.0316, 47.1289, 16.4572**, and if you desaturate by 10%, it is **59.6385, 57.8408, 32.8715**.

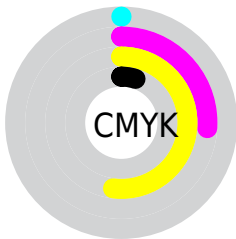
Distribution



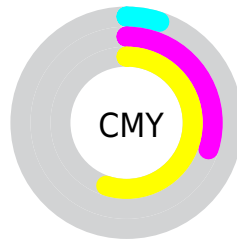
- Red (95%)
- Green (70%)
- Blue (45%)



- Red (94%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5481, 52.2019, 23.6713 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 55.5481, 52.2019, 23.6713 by changing the saturation by 10% instead.

55.5481, 52.2019,
23.6713

55.5481, 52.2019,
23.6713

398.0889,
395.2156, 284.3873

40.0763, 37.1660,
14.8800

97.4872, 93.4289,
50.4304

27.7825, 25.3361,
8.5895

124.6852,
120.3889, 69.2352

18.3014, 16.3276,
4.3813

156.5226,
152.0923, 92.2151

11.2676, 9.7563,
1.8368

193.3649,
188.9236, 119.7884

6.3157, 5.2377,
0.4520

235.5773,
231.2672, 152.3737

3.0805, 2.3874,
0.0000

283.5252,

1.1965, 0.8194,

279.5075, 190.3896

0.0000

337.5739,
334.0288, 234.2546

■ 0.1036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5481, 52.2019,
23.6713

■ 55.5481, 52.2019,
23.6713

■ 52.0316, 47.1289,
16.4572

■ 59.6385, 57.8408,
32.8715

■ 49.0511, 42.5921,
11.0731


■ 64.3296, 64.0584,
44.1916


■ 46.5693, 38.5699,
7.3439

■ 69.6510, 70.8762,
57.7573


■ 44.5409, 35.0352,
5.0583

■ 75.6288, 78.3123,
73.6832

 43.1707, 32.4910,
3.9961

 82.2877, 86.3838,
92.0764

 88.7357, 94.7411,
108.2177

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



63.1758, 52.2019, 32.3420



55.5481, 52.2019, 23.6713



47.0679, 52.2019, 22.3625

Triad

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



55.5481, 52.2019, 23.6713



35.3449, 52.2019, 64.5945



60.5334, 52.2019, 100.6098

Complementary

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



55.5481, 52.2019, 23.6713



38.9993, 41.9029, 89.2514

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.



52.2552, 52.2019, 115.6724



55.5481, 52.2019, 23.6713



38.1507, 52.2019, 91.3485

Square

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



55.5481, 52.2019, 23.6713



36.0152, 52.2019, 42.0043



44.1227, 52.2019, 111.8741



66.2717, 52.2019, 74.8102

Rectangle

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



55.5481, 52.2019, 23.6713



42.1469, 52.2019, 25.3239



44.1227, 52.2019, 111.8741



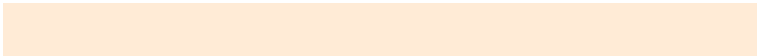
57.9199, 52.2019, 107.3857

Sweetspot

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



55.5494, 52.2044, 23.6723



83.0443, 85.4074, 75.8607



50.6074, 34.4265, 46.3613



17.4753, 17.9078, 15.4400



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.



55.5494, 52.2044, 23.6723



59.0342, 53.4035, 18.4813



70.8832, 82.8721, 28.7836



16.4312, 17.0756, 16.5796



23.5458, 17.8896, 2.2120



2.0583, 1.6873, 0.2172

Inverse Universe

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



38.9993, 41.9029, 89.2514



38.3596, 40.5369, 100.4104



29.3255, 22.5553, 86.0267



15.5448, 16.5237, 20.0917



12.3558, 10.9359, 46.5875



1.1273, 1.1086, 3.9088

Previews

White Background



This preview shows how the XYZ color 55.5481, 52.2019, 23.6713 looks on a white background.

Color Contrast Check

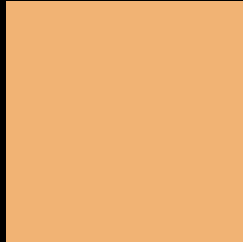
Large Text (above 18pt) WCAG AA × Fail

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 55.5481, 52.2019, 23.6713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

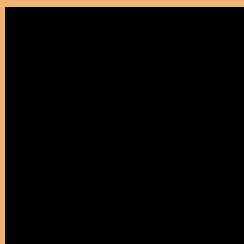
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5481, 52.2019, 23.6713

Background



This preview shows how black text looks on a background with the XYZ color 55.5481, 52.2019, 23.6713.



This preview shows how white text looks on a background with the XYZ color 55.5481, 52.2019,

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

55.5481, 52.2019, 23.6713

Protanopia

48.5953, 52.6351, 25.6875

Deuteranopia

53.3067, 52.2606, 23.4974



Tritanopia

61.5724, 52.3607, 52.2088

Trichromacy



Original Color

55.5481, 52.2019, 23.6713

Protanomaly

50.9189, 52.2447, 24.8533

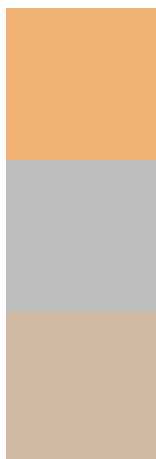
Deuteranomaly

54.0834, 52.3559, 23.4748

Tritanomaly

59.0502, 52.1878, 39.7619

Monochromacy



Original Color

55.5481, 52.2019, 23.6713

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4643, 51.3175, 41.8958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5481, 52.2019, 23.6713 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(241, 179, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 179, 116)  
}
```

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(241, 179, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 179, 116) }
```

Border

The CSS property to change the border of an element to XYZ 55.5481, 52.2019, 23.6713 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(241, 179, 116) }
```


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

```
.border{ border-color:rgb(241, 179, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 179, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 179, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 179, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 179,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5481, 52.2019, 23.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 179, 116) }
```

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

```
.background{ background-color: rgb(241,  
179, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor