

Converting Colors

XYZ(55.3356, 52.0954, 23.8985)

Have a look what the booklet for
XYZ(55.3356, 52.0954, 23.8985)
contains.

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Color

**XYZ(55.2662, 52.0498,
23.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B375
RGB	240, 179, 117
RGB Percent	94%, 70%, 46%
CMY	0.0588, 0.2980, 0.5412
CMYK	0.00, 0.25, 0.51, 0.06
HSL	30°, 80%, 70%
HSV	30°, 51%, 94%
XYZ	55.2662, 52.0498, 23.9634
YIQ	190.1710, 56.2580, -6.3500

Conversions

Conversions Part 2

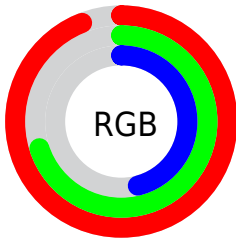
Format	Color
R_{YB}	238, 240, 117
Decimal	15774581
CIE _{Lab}	77.31, 15.13, 40.13
CIE _{LCh}	77, 42.885, 69.346
Yxy	52.0498, 0.4210, 0.3965
Android (android.graphics.Color)	4293964661 (0xFFFF0B375)
YUV	190.1710, -36.0733, 43.7000
Hunter-Lab	72.1455, 10.4830, 30.8085

Details

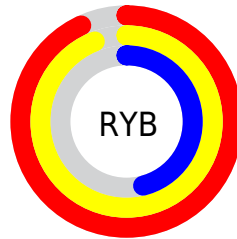
The XYZ color **55.2662, 52.0498, 23.9634** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.9840, 41.9123, 88.4731**, and the grayscale version is **49.2219, 51.7853, 56.3942**.

A 20% lighter version of the original color is **78.2040, 83.5789, 50.0408**, and **27.5300, 25.1507, 8.7138** is the 20% darker color. If you saturate the color by 10%, you get **51.7489, 46.9914, 16.6992**, and if you desaturate by 10%, it is **59.3536, 57.6697, 33.2032**.

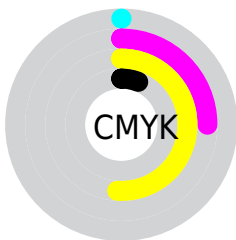
Distribution



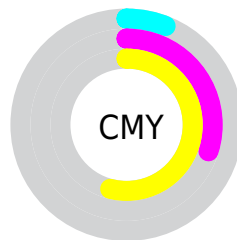
- Red (94%)
- Green (70%)
- Blue (46%)



- Red (93%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2662, 52.0498, 23.9634 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 55.2662, 52.0498, 23.9634 by changing the saturation by 10% instead.


 55.2662, 52.0498,
23.9634


 55.2662, 52.0498,
23.9634


397.0402,
394.6288, 285.9160


 39.8496, 37.0448,
15.0945


 97.0769, 93.2047,
50.9136

 27.6050, 25.2422,
8.7384

 124.2017,
120.1233, 69.8319

 18.1670, 16.2576,
4.4765


 155.9600,
151.7820, 92.9372

 11.1704, 9.7066,
1.8902

192.7170,
188.5650, 120.6479

 6.2497, 5.2049,
0.4865

234.8382,
230.8568, 153.3826

 3.0396, 2.3680,
0.0000

282.6889,

 1.1747, 0.8093,

279.0418, 191.5598

0.0000

336.6345,
333.5043, 235.5981

■ 0.0863, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2662, 52.0498,
23.9634

■ 55.2662, 52.0498,
23.9634

■ 51.7489, 46.9914,
16.6992

■ 59.3536, 57.6697,
33.2032

■ 48.7646, 42.4654,
11.2570


■ 64.0377, 63.8636,
44.5500


■ 46.2767, 38.4505,
7.4655


■ 69.3474, 70.6529,
58.1276


■ 44.2407, 34.9198,
5.1180

■ 75.3086, 78.0554,
74.0491

 42.7708, 32.1966,
3.9603

 81.9456, 86.0881,
92.4199

 88.2997, 94.3744,
108.1699

 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



62.7466, 52.0498, 32.5221



55.2662, 52.0498, 23.9634



46.9461, 52.0498, 22.6847

Triad

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



55.2662, 52.0498, 23.9634



35.4421, 52.0498, 64.3565



60.1983, 52.0498, 99.4435

Complementary

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



55.2662, 52.0498, 23.9634



38.9840, 41.9123, 88.4731

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.



52.0864, 52.0498, 114.1871



55.2662, 52.0498, 23.9634



38.2152, 52.0498, 90.5369

Square

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



55.2662, 52.0498, 23.9634



36.0922, 52.0498, 42.1433



44.0972, 52.0498, 110.5395



65.8062, 52.0498, 74.2096

Rectangle

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



55.2662, 52.0498, 23.9634



42.1145, 52.0498, 25.6362



44.0972, 52.0498, 110.5395



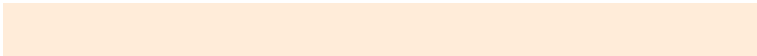
57.6396, 52.0498, 106.0696

Sweetspot

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



55.2675, 52.0523, 23.9644



83.7366, 86.2662, 77.7129



50.3829, 34.4828, 46.3840



17.6129, 18.0795, 15.8050



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.



55.2675, 52.0523, 23.9644



59.4071, 53.9562, 19.2010



70.3061, 82.1297, 28.9773



16.4313, 17.0758, 16.5796



23.5468, 17.8917, 2.2124



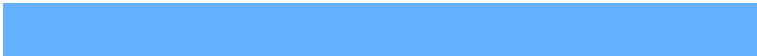
2.0584, 1.6875, 0.2172

Inverse Universe

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



38.9840, 41.9123, 88.4731



38.8854, 41.1790, 100.5066



29.4260, 22.7963, 85.2871



15.5447, 16.5235, 20.0917



12.3548, 10.9339, 46.5872



1.1272, 1.1085, 3.9088

Previews

White Background



This preview shows how the XYZ color 55.2662, 52.0498, 23.9634 looks on a white background.

Color Contrast Check

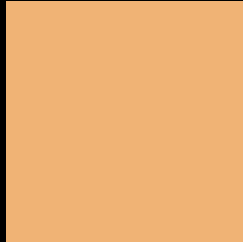
Large Text (above 18pt) WCAG AA × Fail

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 55.2662, 52.0498, 23.9634 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 55.2662, 52.0498, 23.9634

Background



This preview shows how black text looks on a background with the XYZ color 55.2662, 52.0498, 23.9634.



This preview shows how white text looks on a background with the XYZ color 55.2662, 52.0498,

23.9634.

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

55.2662, 52.0498, 23.9634

Protanopia

48.1561, 52.0766, 25.9261

Deuteranopia

53.3646, 52.2837, 23.8021



Tritanopia

61.2207, 52.1793, 52.1923

Trichromacy



Original Color

55.2662, 52.0498, 23.9634

Protanomaly

50.6757, 52.1124, 25.1571

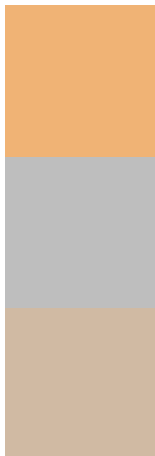
Deuteranomaly

54.1413, 52.3790, 23.7796

Tritanomaly

58.7894, 52.0433, 40.2045

Monochromacy



Original Color

55.2662, 52.0498, 23.9634

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1822, 51.1721, 41.8826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2662, 52.0498, 23.9634 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(240, 179, 117)` looks like.

```
.text, #text, p{  
    color:rgb(240, 179, 117)  
}
```

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(240, 179, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 179, 117) }
```

Border

The CSS property to change the border of an element to XYZ 55.2662, 52.0498, 23.9634 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(240, 179, 117) }
```


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

```
.border{ border-color:rgb(240, 179, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 179, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 179, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 179, 117);  
box-shadow:4px 4px 4px 4px rgb(240, 179,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2662, 52.0498, 23.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 179, 117) }
```

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

```
.background{ background-color: rgb(240,  
179, 117) }
```

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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