

Converting Colors

XYZ(55.8280, 52.9993, 24.8027)

Have a look what the booklet for
XYZ(55.8280, 52.9993, 24.8027)
contains.

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Color

**XYZ(55.7888, 52.9049,
24.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B577
RGB	240, 181, 119
RGB Percent	94%, 71%, 47%
CMY	0.0588, 0.2902, 0.5333
CMYK	0.00, 0.25, 0.50, 0.06
HSL	31°, 80%, 70%
HSV	31°, 50%, 94%
XYZ	55.7888, 52.9049, 24.7240
YIQ	191.5730, 55.0660, -6.7740

Conversions

Conversions Part 2

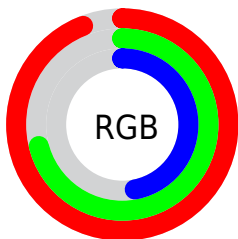
Format	Color
R _Y B	234, 240, 119
Decimal	15775095
CIE Lab	77.82, 14.25, 39.74
CIE LCh	78, 42.217, 70.277
Yxy	52.9049, 0.4182, 0.3965
Android (android.graphics.Color)	4293965175 (0xFFFF0B577)
YUV	191.5730, -35.7785, 42.4705
Hunter-Lab	72.7358, 9.6231, 30.7614

Details

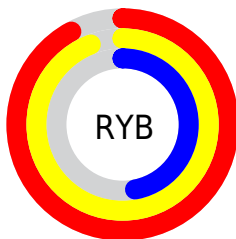
The XYZ color **55.7888, 52.9049, 24.7240** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.2555, 42.0522, 88.4857**, and the grayscale version is **50.0345, 52.6402, 57.3252**.

A 20% lighter version of the original color is **78.9706, 84.8069, 51.2369**, and **27.8494, 25.6918, 9.1214** is the 20% darker color. If you saturate the color by 10%, you get **52.2455, 47.8410, 17.3075**, and if you desaturate by 10%, it is **59.8985, 58.5192, 34.1257**.

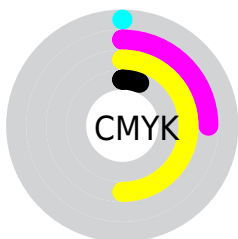
Distribution



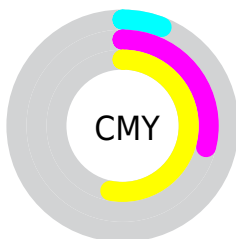
- Red (94%)
- Green (71%)
- Blue (47%)



- Red (92%)
- Yellow (94%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7888, 52.9049, 24.7240 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 55.7888, 52.9049, 24.7240 by changing the saturation by 10% instead.


 55.7888, 52.9049,
24.7240


 55.7888, 52.9049,
24.7240


398.9830,
397.9202, 289.8642


 40.2699, 37.7269,
15.6544

 97.8373, 94.4644,
52.1677

 27.9342, 25.7708,
9.1282


 125.0977,
121.6147, 71.3788

 18.4163, 16.6522,
4.7270


 157.0026,
153.5245, 94.8076

 11.3508, 9.9868,
2.0320

193.9175,
190.5782, 122.8725

 6.3723, 5.3902,
0.5749

236.2076,
233.1602, 155.9920

 3.1156, 2.4780,
0.0000

284.2383,

 1.2152, 0.8656,

281.6550, 194.5848

0.0000

338.3750,
336.4468, 239.0693

■ 0.1183, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7888, 52.9049,
24.7240

■ 55.7888, 52.9049,
24.7240

■ 52.2455, 47.8410,
17.3075

■ 59.8985, 58.5192,
34.1257

■ 49.2318, 43.2989,
11.7243


■ 64.6005, 64.6957,
45.6428


■ 46.7120, 39.2581,
7.8051


■ 69.9234, 71.4552,
59.3981

■ 44.6426, 35.6929,
5.3472

■ 75.8926, 78.8148,
75.5039

 43.0163, 32.6877,
4.0421

 82.5322, 86.7911,
94.0651

 88.5492, 94.8736,
108.2531

 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



63.2821, 52.9049, 33.0892



55.7888, 52.9049, 24.7240



47.5269, 52.9049, 23.6462

Triad

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



55.7888, 52.9049, 24.7240



36.3257, 52.9049, 66.0315



61.1684, 52.9049, 99.3217

Complementary

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



55.7888, 52.9049, 24.7240



39.2555, 42.0522, 88.4857

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.



53.1468, 52.9049, 114.3567



55.7888, 52.9049, 24.7240



39.2009, 52.9049, 91.9593

Square

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



55.7888, 52.9049, 24.7240



36.8689, 52.9049, 43.6845



45.1547, 52.9049, 111.3469



66.6139, 52.9049, 74.2058

Rectangle

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



55.7888, 52.9049, 24.7240



42.7550, 52.9049, 26.7731



45.1547, 52.9049, 111.3469



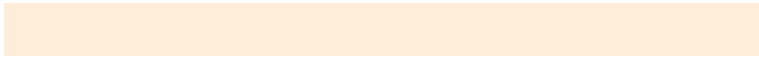
58.6500, 52.9049, 105.9945

Sweetspot

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



55.7901, 52.9075, 24.7250



83.8285, 86.4500, 77.7436



50.7195, 34.9943, 46.9952



17.6350, 18.1237, 15.8124



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.



55.7901, 52.9075, 24.7250



60.0412, 55.0251, 20.0268



70.4249, 82.1771, 29.6033



16.4426, 17.0983, 16.5834



23.6817, 18.1615, 2.2574



2.0697, 1.7101, 0.2210

Inverse Universe

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



39.2555, 42.0522, 88.4857



39.1720, 41.3298, 100.5206



29.9332, 23.4074, 85.3782



15.5335, 16.5011, 20.0879



12.2253, 10.6748, 46.5440



1.1163, 1.0866, 3.9051

Previews

White Background



This preview shows how the XYZ color 55.7888, 52.9049, 24.7240 looks on a white background.

Color Contrast Check

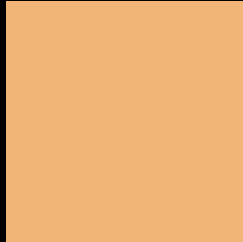
Large Text (above 18pt) WCAG AA × Fail

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 55.7888, 52.9049, 24.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

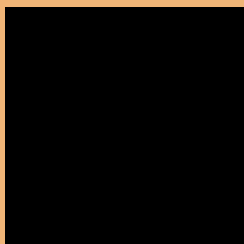
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7888, 52.9049, 24.7240

Background



This preview shows how black text looks on a background with the XYZ color 55.7888, 52.9049, 24.7240.



This preview shows how white text looks on a background with the XYZ color 55.7888, 52.9049,

24.7240.

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

55.7888, 52.9049, 24.7240

Protanopia

49.2235, 53.2716, 26.4270

Deuteranopia

54.0148, 52.9126, 24.5058



Tritanopia

61.8125, 53.0251, 53.4314

Trichromacy



Original Color

55.7888, 52.9049, 24.7240

Protanomaly

51.5292, 53.1725, 25.9598

Deuteranomaly

54.7956, 53.0078, 24.4830

Tritanomaly

59.3551, 52.8924, 41.2633

Monochromacy



Original Color

55.7888, 52.9049, 24.7240

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0692, 52.2384, 42.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7888, 52.9049, 24.7240 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, 181, 119)` looks like.

```
.text, #text, p{  
    color:rgb(240, 181, 119)  
}
```

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, 181, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 181, 119) }
```

Border

The CSS property to change the border of an element to XYZ 55.7888, 52.9049, 24.7240 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, 181, 119) }
```


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

```
.border{ border-color:rgb(240, 181, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 181, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 181, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 181, 119);  
box-shadow:4px 4px 4px 4px rgb(240, 181,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7888, 52.9049, 24.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 181, 119) }
```

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

```
.background{ background-color: rgb(240,  
181, 119) }
```

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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