

Converting Colors

XYZ(57.9402, 55.1461, 30.2667)

Have a look what the booklet for
XYZ(57.9402, 55.1461, 30.2667)
contains.

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Color

**XYZ(57.9277, 55.1199,
30.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B986
RGB	241, 185, 134
RGB Percent	95%, 73%, 53%
CMY	0.0549, 0.2745, 0.4745
CMYK	0.00, 0.23, 0.44, 0.05
HSL	29°, 79%, 74%
HSV	29°, 44%, 95%
XYZ	57.9277, 55.1199, 30.1403
YIQ	195.9300, 49.7470, -3.9890

Conversions

Conversions Part 2

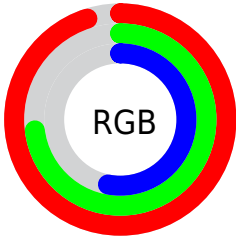
Format	Color
R _Y B	241, 231, 134
Decimal	15841670
CIE Lab	79.11, 13.96, 33.64
CIE LCh	79, 36.422, 67.456
Yxy	55.1199, 0.4046, 0.3849
Android (android.graphics.Color)	4294031750 (0xFFFF1B986)
YUV	195.9300, -30.5315, 39.5264
Hunter-Lab	74.2428, 9.3492, 27.9000

Details

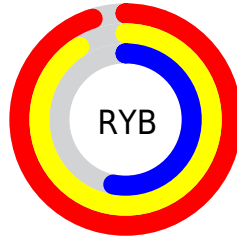
The XYZ color **57.9277, 55.1199, 30.1403** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.1215, 48.2443, 90.2057**, and the grayscale version is **52.5850, 55.3235, 60.2473**.

A 20% lighter version of the original color is **81.7724, 87.8014, 60.2145**, and **29.3799, 27.2099, 12.0911** is the 20% darker color. If you saturate the color by 10%, you get **53.9124, 49.4798, 21.4329**, and if you desaturate by 10%, it is **62.5628, 61.3867, 40.9451**.

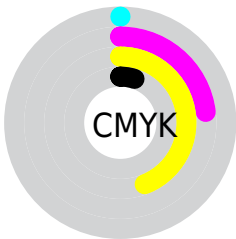
Distribution



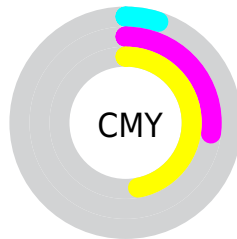
- Red (95%)
- Green (73%)
- Blue (53%)



- Red (95%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9277, 55.1199, 30.1403 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 57.9277, 55.1199, 30.1403 by changing the saturation by 10% instead.


 57.9277, 55.1199,
30.1403


 57.9277, 55.1199,
30.1403


406.8747,
406.3663, 316.7855


 41.9936, 39.4977,
19.6921


 100.9411, 97.7166,
60.9476

 29.2873, 27.1471,
11.9896


 128.7511,
125.4599, 82.1439

 19.4437, 17.6838,
6.6142

 161.2505,
158.0124, 107.7599

 12.0972, 10.7232,
3.1472

198.8045,
195.7585, 138.2142

 6.8826, 5.8810,
1.1703

241.7786,
239.0825, 173.9254

 3.4345, 2.7729,
0.0000

290.5381,

 1.3875, 1.0143,

288.3689, 215.3120

0.0000

345.4483,
344.0020, 262.7925

■ 0.2473, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9277, 55.1199,
30.1403

■ 57.9277, 55.1199,
30.1403

■ 53.9124, 49.4798,
21.4329

■ 62.5628, 61.3867,
40.9451

■ 50.4805, 44.4357,
14.6786

■ 67.8434, 68.2933,
53.9715

■ 47.5972, 39.9658,
9.7201

■ 73.7983, 75.8626,
69.3382

■ 45.2216, 36.0432,
6.3738

■ 80.4535, 84.1134,
87.1542

■ 43.3045, 32.6371,
4.4151

■ 87.8331, 93.0639,
107.5215

■ 42.3928, 30.9351,
3.7367

■ 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



64.2744, 55.1199, 38.8332



57.9277, 55.1199, 30.1403



50.5987, 55.1199, 28.4556

Triad

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



57.9277, 55.1199, 30.1403



39.7283, 55.1199, 65.3566



61.3488, 55.1199, 97.6873

Complementary

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



57.9277, 55.1199, 30.1403



44.1215, 48.2443, 90.2057

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.



54.2228, 55.1199, 109.0419



57.9277, 55.1199, 30.1403



42.0687, 55.1199, 87.7693

Square

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



57.9277, 55.1199, 30.1403



40.5227, 55.1199, 45.9528



47.2166, 55.1199, 105.0452



66.3734, 55.1199, 76.6908

Rectangle

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



57.9277, 55.1199, 30.1403



46.2118, 55.1199, 31.0648



47.2166, 55.1199, 105.0452



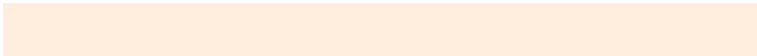
59.0952, 55.1199, 102.9555

Sweetspot

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



57.9291, 55.1225, 30.1414



84.8781, 87.4726, 81.4122



54.2124, 39.5160, 54.0992



17.8270, 18.2958, 16.5294



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

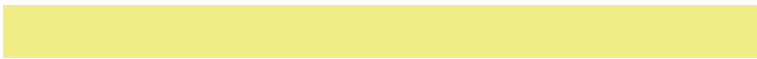
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9291, 55.1225, 30.1414



61.8185, 57.0073, 25.4669



70.9886, 81.2417, 34.4946



16.3944, 17.0018, 16.5673



23.1219, 17.0418, 2.0707



2.0225, 1.6157, 0.2053

Inverse Universe

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



44.1215, 48.2443, 90.2057



44.3134, 48.2793, 101.5910



34.7356, 29.4727, 87.0771



15.5818, 16.5977, 20.1040



12.8001, 11.8244, 46.7356



1.1644, 1.1829, 3.9212

Previews

White Background



This preview shows how the XYZ color 57.9277, 55.1199, 30.1403 looks on a white background.

Color Contrast Check

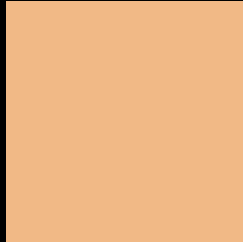
Large Text (above 18pt) WCAG AA × Fail

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 57.9277, 55.1199, 30.1403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

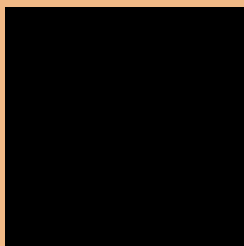
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9277, 55.1199, 30.1403

Background



This preview shows how black text looks on a background with the XYZ color 57.9277, 55.1199, 30.1403.



This preview shows how white text looks on a background with the XYZ color 57.9277, 55.1199,

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

57.9277, 55.1199, 30.1403

Protanopia

51.5515, 55.3410, 32.3909

Deuteranopia

56.4778, 55.3221, 29.8918



Tritanopia

63.3304, 55.1952, 56.6061

Trichromacy



Original Color

57.9277, 55.1199, 30.1403

Protanomaly

53.7964, 55.1934, 31.4849

Deuteranomaly

56.9290, 55.2386, 29.8519

Tritanomaly

61.0878, 55.1831, 45.4619

Monochromacy



Original Color

57.9277, 55.1199, 30.1403

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5438, 54.7135, 47.2739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9277, 55.1199, 30.1403 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, 185, 134)` looks like.

```
.text, #text, p{  
    color:rgb(241, 185, 134)  
}
```

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, 185, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 185, 134) }
```

Border

The CSS property to change the border of an element to XYZ 57.9277, 55.1199, 30.1403 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, 185, 134) }
```


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

```
.border{ border-color:rgb(241, 185, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 185, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 185, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 185, 134);  
box-shadow:4px 4px 4px 4px rgb(241, 185,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9277, 55.1199, 30.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 185, 134) }
```

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

```
.background{ background-color: rgb(241,  
185, 134) }
```

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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