

Converting Colors

XYZ(57.1344, 55.2554, 21.1214)

Have a look what the booklet for
XYZ(57.1344, 55.2554, 21.1214)
contains.

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Color

**XYZ(57.0709, 55.1924,
21.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BA69
RGB	243, 186, 105
RGB Percent	95%, 73%, 41%
CMY	0.0471, 0.2706, 0.5882
CMYK	0.00, 0.23, 0.57, 0.05
HSL	35°, 85%, 68%
HSV	35°, 57%, 95%
XYZ	57.0709, 55.1924, 21.0098
YIQ	193.8090, 59.9730, -13.1070

Conversions

Conversions Part 2

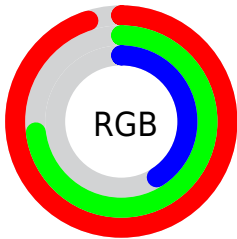
Format	Color
R_{YB}	202, 243, 105
Decimal	15972969
CIE _{Lab}	79.15, 11.68, 48.48
CIE _{LCh}	79, 49.872, 76.451
Y _{xy}	55.1924, 0.4282, 0.4141
Android (android.graphics.Color)	4294163049 (0xFFFF3BA69)
YUV	193.8090, -43.7828, 43.1405
Hunter-Lab	74.2916, 7.1137, 35.2368

Details

The XYZ color **57.0709, 55.1924, 21.0098** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.9231, 35.3136, 89.7694**, and the grayscale version is **51.3923, 54.0687, 58.8808**.

A 20% lighter version of the original color is **79.1637, 87.2329, 45.0130**, and **28.8205, 27.2317, 7.2273** is the 20% darker color. If you saturate the color by 10%, you get **53.9556, 50.6833, 14.6653**, and if you desaturate by 10%, it is **60.6941, 60.1466, 29.2849**.

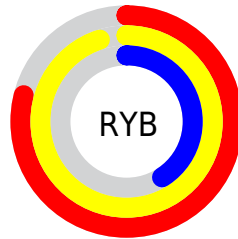
Distribution



Red (95%)

Green (73%)

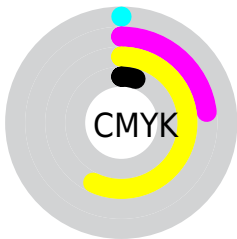
Blue (41%)



Red (79%)

Yellow (95%)

Blue (41%)

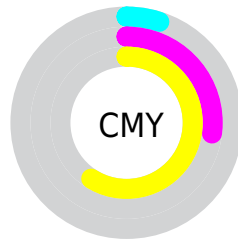


Cyan (0%)

Magenta (23%)

Yellow (57%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0709, 55.1924, 21.0098 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 57.0709, 55.1924, 21.0098 by changing the saturation by 10% instead.

57.0709, 55.1924,
21.0098

57.0709, 55.1924,
21.0098

403.7248,
406.6408, 270.1133

41.3025, 39.5558,
12.9399

99.6994, 97.8228,
45.9848

28.7443, 27.1924,
7.2569

127.2902,
125.5854, 63.7270

19.0308, 17.7177,
3.5424

159.5526,
158.1587, 85.5304

11.7966, 10.7475,
1.3778

196.8518,
195.9272, 111.8134

6.6766, 5.8973,
0.1243

239.5533,
239.2753, 142.9947

3.3052, 2.7828,
0.0000

288.0224,

1.3171, 1.0194,

288.5873, 179.4927

0.0000

342.6245,
344.2477, 221.7261

■ 0.1960, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0709, 55.1924,
21.0098

■ 57.0709, 55.1924,
21.0098

■ 53.9556, 50.6833,
14.6653

■ 60.6941, 60.1466,
29.2849

■ 51.3100, 46.5927,
10.0821

■ 64.8519, 65.5548,
39.6337

■ 49.0956, 42.9023,
7.0672

■ 69.5733, 71.4353,
52.1895

■ 47.2625, 39.5871,
5.3741

■ 74.8839, 77.8029,
67.0733

46.7306, 38.5917,
4.9860

80.8076, 84.6714,
84.3974

87.3668, 92.0539,
104.2667

90.7721, 97.7946,
108.6998

Harmonies

Analogous

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



66.7787, 55.1924, 28.4821



57.0709, 55.1924, 21.0098



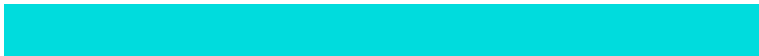
47.2238, 55.1924, 21.3683

Triad

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



57.0709, 55.1924, 21.0098



36.1628, 55.1924, 76.9903



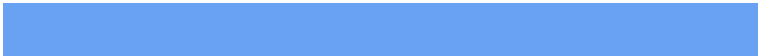
67.5868, 55.1924, 106.3154

Complementary

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



57.0709, 55.1924, 21.0098



34.9231, 35.3136, 89.7694

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.



58.0668, 55.1924, 129.4706



57.0709, 55.1924, 21.0098



40.3479, 55.1924, 109.2121

Square

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



57.0709, 55.1924, 21.0098



35.9674, 55.1924, 48.1482



48.1020, 55.1924, 130.6726



73.3485, 55.1924, 73.8710

Rectangle

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



57.0709, 55.1924, 21.0098



41.8907, 55.1924, 25.9123



48.1020, 55.1924, 130.6726



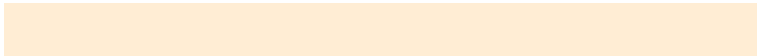
64.6696, 55.1924, 115.8368

Sweetspot

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



57.0722, 55.1951, 21.0109



83.3916, 86.6200, 74.3802



48.5801, 31.7847, 37.9911



17.5829, 18.2250, 15.1614



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.



57.0722, 55.1951, 21.0109



59.7609, 55.8893, 15.5410



67.7170, 82.1932, 25.6610



17.3075, 18.0992, 17.3789



25.7836, 21.4528, 2.7819



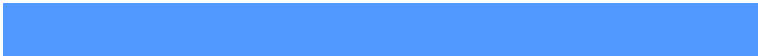
2.3673, 2.0878, 0.2782

Inverse Universe

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



34.9231, 35.3136, 89.7694



32.9214, 31.8488, 99.0200



28.4988, 20.3222, 87.2143



16.1433, 17.0509, 20.9829



11.5244, 8.8426, 47.6374



1.1116, 0.9746, 4.2198

Previews

White Background



This preview shows how the XYZ color 57.0709, 55.1924, 21.0098 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 57.0709, 55.1924, 21.0098 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 57.0709, 55.1924, 21.0098

Background



This preview shows how black text looks on a background with the XYZ color 57.0709, 55.1924, 21.0098.



This preview shows how white text looks on a background with the XYZ color 57.0709, 55.1924,

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

57.0709, 55.1924, 21.0098

Protanopia

50.8191, 55.1829, 22.4409

Deuteranopia

56.2553, 55.0858, 21.0323



Tritanopia

64.2439, 55.0924, 55.9631

Trichromacy



Original Color

57.0709, 55.1924, 21.0098

Protanomaly

52.9204, 54.9507, 22.0047

Deuteranomaly

56.5958, 55.2613, 21.0482

Tritanomaly

60.9370, 54.9199, 40.1898

Monochromacy



Original Color

57.0709, 55.1924, 21.0098

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3038, 53.8673, 41.8231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0709, 55.1924, 21.0098 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(243, 186, 105)` looks like.

```
.text, #text, p{  
    color:rgb(243, 186, 105)  
}
```

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(243, 186, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 186, 105) }
```

Border

The CSS property to change the border of an element to XYZ 57.0709, 55.1924, 21.0098 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(243, 186, 105) }
```


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

```
.border{ border-color:rgb(243, 186, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 186, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 186, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 186, 105);  
box-shadow:4px 4px 4px 4px rgb(243, 186,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0709, 55.1924, 21.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 186, 105) }
```

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

```
.background{ background-color: rgb(243,  
186, 105) }
```

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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