

Converting Colors

XYZ(57.1552, 54.8039, 22.8772)

Have a look what the booklet for
XYZ(57.1552, 54.8039, 22.8772)
contains.

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Color

**XYZ(57.2357, 54.9225,
22.9137)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B970
RGB	243, 185, 112
RGB Percent	95%, 73%, 44%
CMY	0.0471, 0.2745, 0.5608
CMYK	0.00, 0.24, 0.54, 0.05
HSL	33°, 85%, 70%
HSV	33°, 54%, 95%
XYZ	57.2357, 54.9225, 22.9137
YIQ	194.0200, 58.0010, -10.4070

Conversions

Conversions Part 2

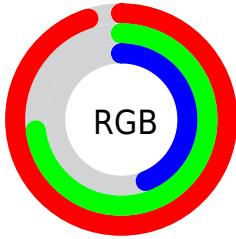
Format	Color
R_{YB}	216, 243, 112
Decimal	15972720
CIE _{Lab}	79.00, 12.76, 44.83
CIE _{LCh}	79, 46.606, 74.112
Yxy	54.9225, 0.4237, 0.4066
Android (android.graphics.Color)	4294162800 (0xFFFF3B970)
YUV	194.0200, -40.4359, 42.9555
Hunter-Lab	74.1097, 8.1654, 33.5452

Details

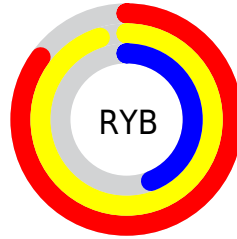
The XYZ color **57.2357, 54.9225, 22.9137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.2337, 38.6635, 90.2939**, and the grayscale version is **51.4990, 54.1810, 59.0031**.

A 20% lighter version of the original color is **79.4868, 86.8872, 48.1788**, and **28.8879, 27.0407, 8.2542** is the 20% darker color. If you saturate the color by 10%, you get **53.8953, 50.1226, 16.0020**, and if you desaturate by 10%, it is **61.1142, 60.2143, 31.8068**.

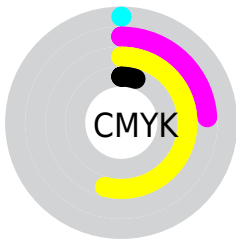
Distribution



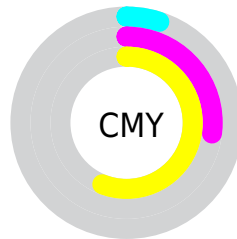
- Red (95%)
- Green (73%)
- Blue (44%)



- Red (85%)
- Yellow (95%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2357, 54.9225, 22.9137 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 57.2357, 54.9225, 22.9137 by changing the saturation by 10% instead.

57.2357, 54.9225,
22.9137

57.2357, 54.9225,
22.9137

404.3318,
405.6181, 280.3890

41.4354, 39.3397,
14.3251

99.9384, 97.4274,
49.1730

28.8486, 27.0241,
8.2058

127.5715,
125.1183, 67.6807

19.1100, 17.5913,
4.1373

159.8796,
157.6139, 90.3320

11.8543, 10.6570,
1.7009

197.2279,
195.2988, 117.5452

6.7160, 5.8367,
0.3614

239.9820,
238.5572, 149.7390

3.3299, 2.7460,
0.0000

288.5071,

1.3305, 1.0006,

287.7737, 187.3318

0.0000

343.1686,
343.3325, 230.7423

■ 0.2059, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2357, 54.9225,
22.9137

■ 57.2357, 54.9225,
22.9137

■ 53.8953, 50.1226,
16.0020

■ 61.1142, 60.2143,
31.8068

■ 51.0550, 45.7872,
10.9087


■ 65.5571, 66.0081,
42.8201


■ 48.6775, 41.8971,
7.4497


■ 70.5935, 72.3231,
56.0838


■ 46.7162, 38.4274,
5.3996

■ 76.2492, 79.1753,
71.7164

 45.6850, 36.5008,
4.6375

 82.5482, 86.5794,
89.8280

 89.0586, 94.3679,
108.1287

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



66.0747, 54.9225, 30.8412



57.2357, 54.9225, 22.9137



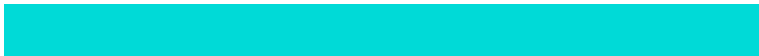
47.9758, 54.9225, 22.6982

Triad

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



57.2357, 54.9225, 22.9137



36.7531, 54.9225, 73.1311



65.6183, 54.9225, 104.4523

Complementary

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



57.2357, 54.9225, 22.9137



37.2337, 38.6635, 90.2939

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.



56.6698, 54.9225, 124.2296



57.2357, 54.9225, 22.9137



40.4215, 54.9225, 102.8371

Square

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



57.2357, 54.9225, 22.9137



36.8665, 54.9225, 46.8861



47.4728, 54.9225, 123.5637



71.2915, 54.9225, 74.8938

Rectangle

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



57.2357, 54.9225, 22.9137



42.8303, 54.9225, 26.7107



47.4728, 54.9225, 123.5637



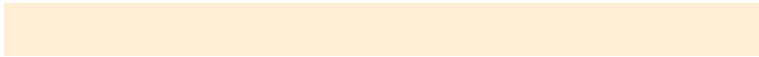
62.8502, 54.9225, 112.8071

Sweetspot

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



57.2370, 54.9252, 22.9148



83.6693, 86.6576, 76.0691



50.1023, 33.5818, 42.3448



17.6242, 18.2057, 15.4896



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.



57.2370, 54.9252, 22.9148



59.7044, 55.2868, 17.0310



69.7166, 83.1806, 27.7109



17.2651, 18.0143, 17.3647



25.2104, 20.3065, 2.5908



2.3181, 1.9895, 0.2618

Inverse Universe

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



37.2337, 38.6635, 90.2939



35.2251, 35.4187, 99.5877



29.5184, 21.9502, 87.4745



16.1850, 17.1342, 20.9968



11.9271, 9.6480, 47.7717



1.1490, 1.0494, 4.2322

Previews

White Background



This preview shows how the XYZ color 57.2357, 54.9225, 22.9137 looks on a white background.

Color Contrast Check

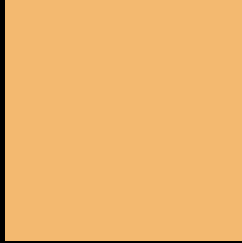
Large Text (above 18pt) WCAG AA × Fail

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 57.2357, 54.9225, 22.9137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

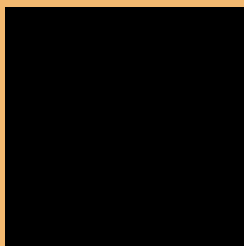
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2357, 54.9225, 22.9137

Background



This preview shows how black text looks on a background with the XYZ color 57.2357, 54.9225, 22.9137.



This preview shows how white text looks on a background with the XYZ color 57.2357, 54.9225,

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

57.2357, 54.9225, 22.9137

Protanopia

50.6239, 55.0370, 24.4780

Deuteranopia

56.2916, 55.0612, 22.9902



Tritanopia

64.1350, 55.0488, 55.3893

Trichromacy



Original Color

57.2357, 54.9225, 22.9137

Protanomaly

52.9955, 54.9446, 24.0319

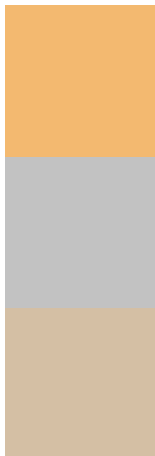
Deuteranomaly

56.4187, 54.8129, 22.9356

Tritanomaly

60.9109, 54.5876, 41.0443

Monochromacy



Original Color

57.2357, 54.9225, 22.9137

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.4830, 53.9390, 42.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2357, 54.9225, 22.9137 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, 185, 112)` looks like.

```
.text, #text, p{  
    color:rgb(243, 185, 112)  
}
```

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, 185, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 185, 112) }
```

Border

The CSS property to change the border of an element to XYZ 57.2357, 54.9225, 22.9137 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, 185, 112) }
```


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

```
.border{ border-color:rgb(243, 185, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 185, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 185, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 185, 112);  
box-shadow:4px 4px 4px 4px rgb(243, 185,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2357, 54.9225, 22.9137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 185, 112) }
```

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

```
.background{ background-color: rgb(243,  
185, 112) }
```

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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