

Converting Colors

XYZ(56.1247, 54.9556, 23.8691)

Have a look what the booklet for
XYZ(56.1247, 54.9556, 23.8691)
contains.

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Color

**XYZ(56.1247, 54.9556,
23.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBB73
RGB	238, 187, 115
RGB Percent	93%, 73%, 45%
CMY	0.0667, 0.2666, 0.5490
CMYK	0.00, 0.21, 0.52, 0.07
HSL	35°, 78%, 69%
HSV	35°, 52%, 93%
XYZ	56.1247, 54.9556, 23.8691
YIQ	194.0410, 53.5080, -11.5800

Conversions

Conversions Part 2

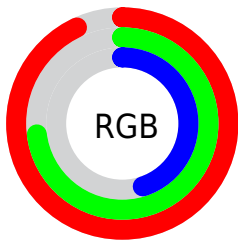
Format	Color
RYB	202, 238, 115
Decimal	15645555
CIELab	79.02, 9.93, 43.23
CIELCh	79, 44.352, 77.066
Yxy	54.9556, 0.4159, 0.4072
Android (android.graphics.Color)	4293835635 (0xFFEEBB73)
YUV	194.0410, -38.9672, 38.5520
Hunter-Lab	74.1320, 5.4097, 32.8022

Details

The XYZ color **56.1247, 54.9556, 23.8691** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.1385, 37.0888, 86.1427**, and the grayscale version is **51.5049, 54.1872, 59.0098**.

A 20% lighter version of the original color is **80.3585, 88.1883, 49.8325**, and **28.0696, 27.0156, 8.7361** is the 20% darker color. If you saturate the color by 10%, you get **52.9064, 50.4352, 16.8898**, and if you desaturate by 10%, it is **59.8430, 59.9104, 32.7602**.

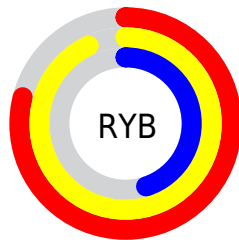
Distribution



Red (93%)

Green (73%)

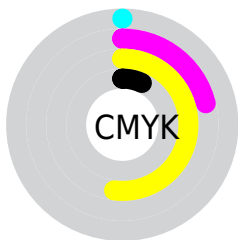
Blue (45%)



Red (79%)

Yellow (93%)

Blue (45%)

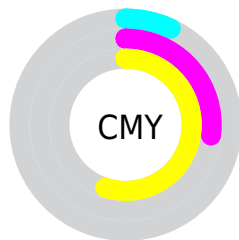


Cyan (0%)

Magenta (21%)

Yellow (52%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1247, 54.9556, 23.8691 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 56.1247, 54.9556, 23.8691 by changing the saturation by 10% instead.

56.1247, 54.9556,
23.8691

56.1247, 54.9556,
23.8691

400.2287,
405.7436, 285.4232

40.5403, 39.3662,
15.0252

98.3256, 97.4759,
50.7577

28.1461, 27.0447,
8.6903

125.6729,
125.1756, 69.6394

18.5769, 17.6068,
4.4457

157.6718,
157.6808, 92.7043

11.4671, 10.6681,
1.8729

194.6877,
195.3759, 120.3707

6.4516, 5.8441,
0.4754

237.0860,
238.6453, 153.0573

3.1648, 2.7505,
0.0000

285.2320,

1.2415, 1.0029,

287.8735, 191.1825

0.0000

339.4911,
343.4448, 235.1650

■ 0.1388, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1247, 54.9556,
23.8691

■ 56.1247, 54.9556,
23.8691

■ 52.9064, 50.4352,
16.8898

■ 59.8430, 59.9104,
32.7602

■ 50.1536, 46.3243,
11.6718


■ 64.0850, 65.3072,
43.6917


■ 47.8325, 42.6071,
8.0468


■ 68.8774, 71.1631,
56.7845


■ 45.9018, 39.2619,
5.8117

■ 74.2435, 77.4917,
72.1492

 44.5399, 36.7374,
4.7435

 80.2054, 84.3058,
89.8888

 86.3292, 91.4360,
107.7066

 89.0697, 96.9170,
108.6201

Harmonies

Analogous

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



64.6664, 54.9556, 30.8417



56.1247, 54.9556, 23.8691



47.4099, 54.9556, 24.3640

Triad

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



56.1247, 54.9556, 23.8691



37.6325, 54.9556, 75.2640



65.6693, 54.9556, 99.4219

Complementary

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



56.1247, 54.9556, 23.8691



36.1385, 37.0888, 86.1427

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.



57.3740, 54.9556, 119.3601



56.1247, 54.9556, 23.8691



41.5062, 54.9556, 102.9393

Square

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



56.1247, 54.9556, 23.8691



37.3785, 54.9556, 49.6053



48.5267, 54.9556, 120.8034



70.5802, 54.9556, 71.3877

Rectangle

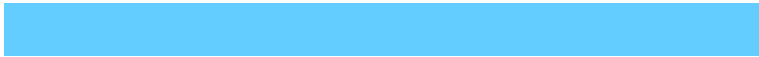
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.1247, 54.9556, 23.8691



42.6583, 54.9556, 28.8315



48.5267, 54.9556, 120.8034



63.1443, 54.9556, 107.5988

Sweetspot

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



56.1260, 54.9582, 23.8702



84.0024, 87.3237, 76.1801



48.2967, 33.2014, 40.0603



17.7037, 18.3646, 15.5161



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.



56.1260, 54.9582, 23.8702



61.6883, 58.7119, 19.3660



65.5846, 78.8397, 27.9813



16.5417, 17.2966, 16.6164



24.9795, 20.7571, 2.6900



2.1760, 1.9226, 0.2564

Inverse Universe

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



36.1385, 37.0888, 86.1427



35.9682, 35.7541, 99.6132



30.0578, 22.8140, 83.7078



15.4356, 16.3053, 20.0553



11.2024, 8.6291, 46.2030



1.0278, 0.9096, 3.8756

Previews

White Background



This preview shows how the XYZ color 56.1247, 54.9556, 23.8691 looks on a white background.

Color Contrast Check

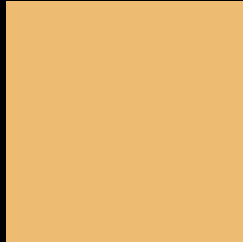
Large Text (above 18pt) WCAG AA × Fail

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 56.1247, 54.9556, 23.8691 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 56.1247, 54.9556, 23.8691

Background



This preview shows how black text looks on a background with the XYZ color 56.1247, 54.9556, 23.8691.



This preview shows how white text looks on a background with the XYZ color 56.1247, 54.9556,

23.8691.

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

56.1247, 54.9556, 23.8691

Protanopia

50.7415, 55.0840, 25.0975

Deuteranopia

56.1247, 54.9556, 23.8691



Tritanopia

62.9806, 55.0149, 56.5897

Trichromacy



Original Color

56.1247, 54.9556, 23.8691

Protanomaly

52.7123, 55.1123, 24.6891

Deuteranomaly

56.1247, 54.9556, 23.8691

Tritanomaly

59.7527, 54.5693, 42.0340

Monochromacy



Original Color

56.1247, 54.9556, 23.8691

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.0007, 53.6799, 43.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1247, 54.9556, 23.8691 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(238, 187, 115)` looks like.

```
.text, #text, p{  
    color:rgb(238, 187, 115)  
}
```

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(238, 187, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 187, 115) }
```

Border

The CSS property to change the border of an element to XYZ 56.1247, 54.9556, 23.8691 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(238, 187, 115) }
```


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

```
.border{ border-color:rgb(238, 187, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 187, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 187, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 187, 115);  
box-shadow:4px 4px 4px 4px rgb(238, 187,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1247, 54.9556, 23.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 187, 115) }
```

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

```
.background{ background-color: rgb(238,  
187, 115) }
```

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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