

Converting Colors

XYZ(55.8472, 54.4805, 23.6763)

Have a look what the booklet for
XYZ(55.8472, 54.4805, 23.6763)
contains.

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Color

**XYZ(55.9133, 54.5328,
23.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBA73
RGB	238, 186, 115
RGB Percent	93%, 73%, 45%
CMY	0.0667, 0.2706, 0.5490
CMYK	0.00, 0.22, 0.52, 0.07
HSL	35°, 78%, 69%
HSV	35°, 52%, 93%
XYZ	55.9133, 54.5328, 23.7986
YIQ	193.4540, 53.7830, -11.0570

Conversions

Conversions Part 2

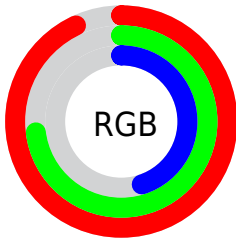
Format	Color
R _Y B	205, 238, 115
Decimal	15645299
CIE Lab	78.77, 10.45, 42.92
CIE LCh	79, 44.179, 76.314
Yxy	54.5328, 0.4165, 0.4062
Android (android.graphics.Color)	4293835379 (0xFFEEBA73)
YUV	193.4540, -38.6778, 39.0668
Hunter-Lab	73.8463, 5.9215, 32.5849

Details

The XYZ color **55.9133, 54.5328, 23.7986** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.3209, 37.4537, 86.2035**, and the grayscale version is **51.1557, 53.8197, 58.6097**.

A 20% lighter version of the original color is **80.0600, 87.5914, 49.7330**, and **27.9321, 26.7404, 8.6903** is the 20% darker color. If you saturate the color by 10%, you get **52.6715, 49.9653, 16.8115**, and if you desaturate by 10%, it is **59.6605, 59.5455, 32.6993**.

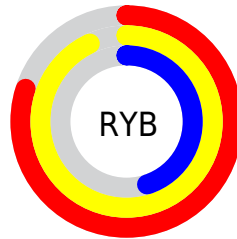
Distribution



Red (93%)

Green (73%)

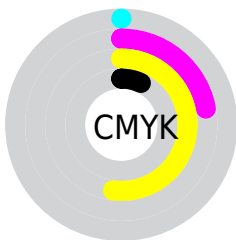
Blue (45%)



Red (80%)

Yellow (93%)

Blue (45%)

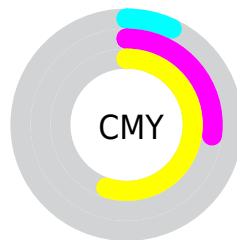


Cyan (0%)

Magenta (22%)

Yellow (52%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9133, 54.5328, 23.7986 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 55.9133, 54.5328, 23.7986 by changing the saturation by 10% instead.

55.9133, 54.5328,
23.7986

55.9133, 54.5328,
23.7986

399.4450,
404.1385, 285.0544

40.3701, 39.0278,
14.9735

98.0183, 96.8561,
50.6410

28.0128, 26.7813,
8.6544

125.3109,
124.4432, 69.4955

18.4758, 17.4091,
4.4227

157.2507,
156.8264, 92.5300

11.3939, 10.5266,
1.8600

194.2031,
194.3902, 120.1633

6.4016, 5.7495,
0.4671

236.5333,
237.5189, 152.8138

3.1338, 2.6933,
0.0000

284.6068,

1.2249, 0.9738,

286.5969, 190.9002

0.0000

338.7889,
342.0086, 234.8408

■ 0.1259, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9133, 54.5328,
23.7986

■ 55.9133, 54.5328,
23.7986

■ 52.6715, 49.9653,
16.8115

■ 59.6605, 59.5455,
32.6993

■ 49.9003, 45.8178,
11.5874

■ 63.9370, 65.0113,
43.6423

■ 47.5659, 42.0740,
7.9580

■ 68.7696, 70.9477,
56.7485

■ 45.6268, 38.7119,
5.7200

■ 74.1819, 77.3685,
72.1286

■ 44.2614, 36.1803,
4.6507

■ 80.1960, 84.2870,
89.8856

■ 86.3782, 91.5341,
107.7230

■ 89.0697, 96.9171,
108.6201

Harmonies

Analogous

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



64.3366, 54.5328, 30.9147



55.9133, 54.5328, 23.7986



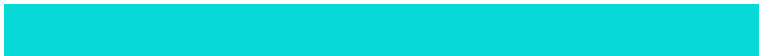
47.2499, 54.5328, 24.1108

Triad

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



55.9133, 54.5328, 23.7986



37.3093, 54.5328, 73.9595



64.9686, 54.5328, 99.2419

Complementary

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



55.9133, 54.5328, 23.7986



36.3209, 37.4537, 86.2035

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.



56.7007, 54.5328, 118.6319



55.9133, 54.5328, 23.7986



41.0624, 54.5328, 101.4583

Square

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



55.9133, 54.5328, 23.7986



37.1492, 54.5328, 48.6953



47.9539, 54.5328, 119.5413



69.9483, 54.5328, 71.5165

Rectangle

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



55.9133, 54.5328, 23.7986



42.4969, 54.5328, 28.4096



47.9539, 54.5328, 119.5413



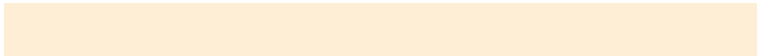
62.4425, 54.5328, 107.2542

Sweetspot

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



55.9146, 54.5354, 23.7997



83.9059, 87.1307, 76.1479



48.4867, 33.2774, 41.0606



17.6807, 18.3185, 15.5084



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.



55.9146, 54.5354, 23.7997



61.4122, 58.1597, 19.2740



66.2379, 79.1765, 28.0118



16.5306, 17.2744, 16.6127



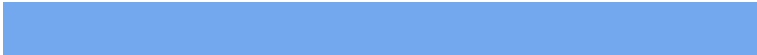
24.8244, 20.4469, 2.6382



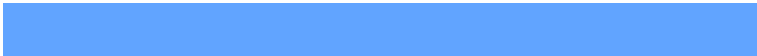
2.1634, 1.8976, 0.2522

Inverse Universe

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



36.3209, 37.4537, 86.2035



36.1966, 36.2108, 99.6894



29.7608, 22.6608, 83.6939



15.4465, 16.3270, 20.0589



11.3067, 8.8376, 46.2378



1.0370, 0.9281, 3.8787

Previews

White Background



This preview shows how the XYZ color 55.9133, 54.5328, 23.7986 looks on a white background.

Color Contrast Check

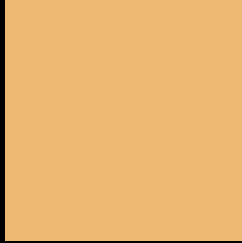
Large Text (above 18pt) WCAG AA × Fail

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 55.9133, 54.5328, 23.7986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

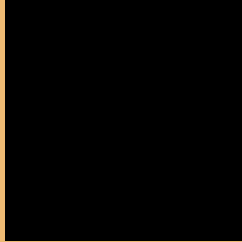
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9133, 54.5328, 23.7986

Background



This preview shows how black text looks on a background with the XYZ color 55.9133, 54.5328, 23.7986.



This preview shows how white text looks on a background with the XYZ color 55.9133, 54.5328,

23.7986.

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

55.9133, 54.5328, 23.7986

Protanopia

50.2257, 54.4844, 25.0089

Deuteranopia

55.5785, 54.3601, 23.7829



Tritanopia

62.6726, 54.5745, 55.9459

Trichromacy



Original Color

55.9133, 54.5328, 23.7986

Protanomaly

52.1847, 54.5132, 24.6013

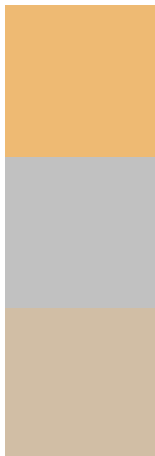
Deuteranomaly

55.5785, 54.3601, 23.7829

Tritanomaly

59.5501, 54.1641, 41.9664

Monochromacy



Original Color

55.9133, 54.5328, 23.7986

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4995, 53.0988, 43.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9133, 54.5328, 23.7986 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, 186, 115)` looks like.

```
.text, #text, p{  
    color:rgb(238, 186, 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, 186, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 186, 115) }
```

Border

The CSS property to change the border of an element to XYZ 55.9133, 54.5328, 23.7986 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, 186, 115) }
```


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

```
.border{ border-color:rgb(238, 186, 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, 186, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 186, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 186, 115);  
box-shadow:4px 4px 4px 4px rgb(238, 186,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9133, 54.5328, 23.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 186, 115) }
```

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

```
.background{ background-color: rgb(238,  
186, 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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