

Converting Colors

XYZ(54.1339, 54.3944, 23.8673)

Have a look what the booklet for
XYZ(54.1339, 54.3944, 23.8673)
contains.

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Color

**XYZ(54.0327, 54.1932,
23.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BC73
RGB	231, 188, 115
RGB Percent	91%, 74%, 45%
CMY	0.0941, 0.2627, 0.5490
CMYK	0.00, 0.19, 0.50, 0.09
HSL	38°, 71%, 68%
HSV	38°, 50%, 91%
XYZ	54.0327, 54.1932, 23.8322
YIQ	192.5350, 49.0610, -13.5870

Conversions

Conversions Part 2

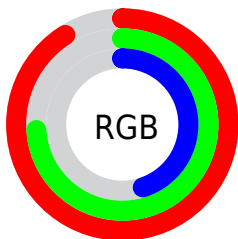
Format	Color
RYB	183, 231, 115
Decimal	15187059
CIELab	78.57, 6.55, 42.53
CIELCh	79, 43.030, 81.242
Yxy	54.1932, 0.4092, 0.4104
Android (android.graphics.Color)	4293377139 (0xFFE7BC73)
YUV	192.5350, -38.2248, 33.7338
Hunter-Lab	73.6160, 2.1874, 32.3369

Details

The XYZ color **54.0327, 54.1932, 23.8322** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.7204, 33.8667, 80.3606**, and the grayscale version is **50.6138, 53.2496, 57.9888**.

A 20% lighter version of the original color is **80.6586, 88.7885, 49.9325**, and **26.8517, 26.5938, 8.7189** is the 20% darker color. If you saturate the color by 10%, you get **51.0916, 50.1785, 17.0954**, and if you desaturate by 10%, it is **57.4180, 58.5634, 32.3612**.

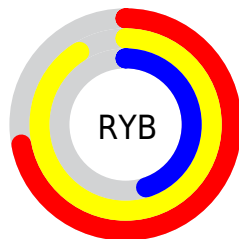
Distribution



Red (91%)

Green (74%)

Blue (45%)



Red (72%)

Yellow (91%)

Blue (45%)

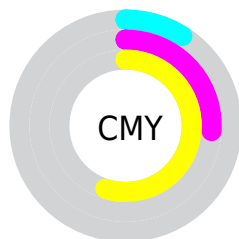


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0327, 54.1932, 23.8322 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 54.0327, 54.1932, 23.8322 by changing the saturation by 10% instead.


 54.0327, 54.1932,
23.8322


 54.0327, 54.1932,
23.8322


392.4310,
402.8463, 285.2302

 38.8586, 38.7561,
14.9981


 95.2789, 96.3579,
50.6966

 26.8300, 26.5701,
8.6715


 122.0816,
123.8542, 69.5641

 17.5815, 17.2506,
4.4337


 153.4913,
156.1392, 92.6131

 10.7478, 10.4133,
1.8661

189.8733,
193.5971, 120.2622

 5.9635, 5.6739,
0.4711

231.5929,
236.6124, 152.9299

 2.8634, 2.6478,
0.0000

279.0154,

 1.0819, 0.9508,

285.5694, 191.0348

0.0000

332.5064,
340.8526, 234.9954

■ 0.0099, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0327, 54.1932,
23.8322

■ 54.0327, 54.1932,
23.8322

■ 51.0916, 50.1785,
17.0954

■ 57.4180, 58.5634,
32.3612

■ 48.5636, 46.4976,
12.0135


■ 61.2681, 63.2939,
42.7995


■ 46.4190, 43.1376,
8.4340

■ 65.6068, 68.3994,
55.2582


■ 44.6214, 40.0809,
6.1745


■ 70.4551, 73.8907,
69.8385

 43.1386, 37.3565,
4.9369

 75.8326, 79.7786,
86.6351

 81.7575, 86.0730,
105.7368

 84.5534, 91.3059,
107.7751

 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



62.4101, 54.1932, 29.5613



54.0327, 54.1932, 23.8322



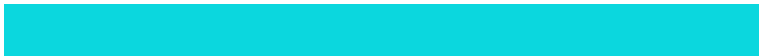
45.8224, 54.1932, 25.2979

Triad

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



54.0327, 54.1932, 23.8322



37.7526, 54.1932, 77.6021



65.3043, 54.1932, 93.3493

Complementary

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



54.0327, 54.1932, 23.8322



33.7204, 33.8667, 80.3606

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.



57.6477, 54.1932, 114.1353



54.0327, 54.1932, 23.8322



41.9575, 54.1932, 103.4455

Square

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



54.0327, 54.1932, 23.8322



37.0112, 54.1932, 52.1764



49.0652, 54.1932, 118.2658



69.3706, 54.1932, 66.4095

Rectangle

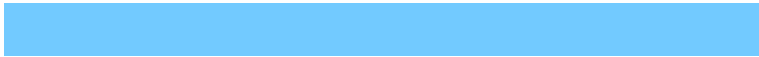
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.0327, 54.1932, 23.8322



41.4868, 54.1932, 30.3901



49.0652, 54.1932, 118.2658



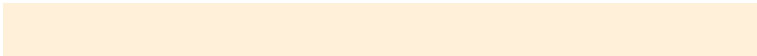
63.0278, 54.1932, 101.5643

Sweetspot

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



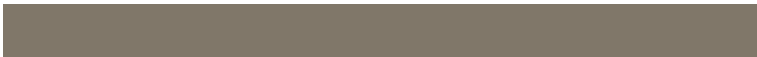
54.0340, 54.1958, 23.8333



85.1348, 89.0626, 78.1790



45.3845, 31.7703, 36.7544



17.9499, 18.7534, 15.9174



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.



54.0340, 54.1958, 23.8333



63.8992, 62.7411, 21.3128



60.4245, 73.2127, 27.1671



15.1291, 15.8721, 15.1707



24.3069, 21.1879, 2.8086



1.8844, 1.7421, 0.2369

Inverse Universe

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



33.7204, 33.8667, 80.3606



35.8775, 34.7407, 99.4224



29.5375, 22.6623, 78.4184



14.0182, 14.7578, 18.2540



10.0437, 7.1495, 43.2338



0.8288, 0.7015, 3.2237

Previews

White Background



This preview shows how the XYZ color 54.0327, 54.1932, 23.8322 looks on a white background.

Color Contrast Check

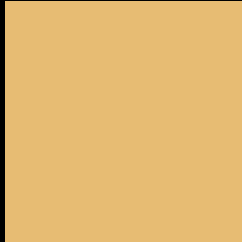
Large Text (above 18pt) WCAG AA × Fail

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 54.0327, 54.1932, 23.8322 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 54.0327, 54.1932, 23.8322

Background



This preview shows how black text looks on a background with the XYZ color 54.0327, 54.1932, 23.8322.



This preview shows how white text looks on a background with the XYZ color 54.0327, 54.1932,

23.8322.

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

54.0327, 54.1932, 23.8322

Protanopia

50.1666, 54.4607, 24.6975

Deuteranopia

55.2455, 54.1885, 23.7673



Tritanopia

60.8944, 54.2231, 57.1258

Trichromacy



Original Color

54.0327, 54.1932, 23.8322

Protanomaly

51.5172, 54.1759, 24.2647

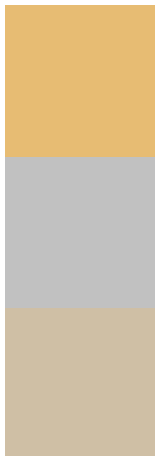
Deuteranomaly

54.7965, 54.2709, 23.8069

Tritanomaly

57.6897, 53.7984, 42.4655

Monochromacy



Original Color

54.0327, 54.1932, 23.8322

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1545, 53.2436, 43.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0327, 54.1932, 23.8322 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(231, 188, 115)` looks like.

```
.text, #text, p{  
    color:rgb(231, 188, 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(231, 188, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 188, 115) }
```

Border

The CSS property to change the border of an element to XYZ 54.0327, 54.1932, 23.8322 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(231, 188, 115) }
```


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

```
.border{ border-color:rgb(231, 188, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 188, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 188, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 188, 115);  
box-shadow:4px 4px 4px 4px rgb(231, 188,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0327, 54.1932, 23.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 188, 115) }
```

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

```
.background{ background-color: rgb(231,  
188, 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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