

Converting Colors

XYZ(54.3534, 52.5087, 20.3034)

Have a look what the booklet for
XYZ(54.3534, 52.5087, 20.3034)
contains.

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Color

**XYZ(54.4865, 52.6325,
20.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB668
RGB	238, 182, 104
RGB Percent	93%, 71%, 41%
CMY	0.0667, 0.2862, 0.5921
CMYK	0.00, 0.24, 0.56, 0.07
HSL	35°, 80%, 67%
HSV	35°, 56%, 93%
XYZ	54.4865, 52.6325, 20.3840
YIQ	189.8520, 58.4140, -12.3860

Conversions

Conversions Part 2

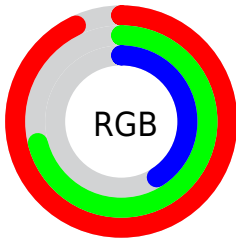
Format	Color
R _Y B	200, 238, 104
Decimal	15644264
CIE Lab	77.66, 11.66, 47.07
CIE LCh	78, 48.489, 76.086
Yxy	52.6325, 0.4273, 0.4128
Android (android.graphics.Color)	4293834344 (0xFFEEB668)
YUV	189.8520, -42.3250, 42.2258
Hunter-Lab	72.5483, 7.1008, 34.1250

Details

The XYZ color **54.4865, 52.6325, 20.3840** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.7117, 34.2562, 85.7238**, and the grayscale version is **49.0719, 51.6274, 56.2223**.

A 20% lighter version of the original color is **77.9003, 84.8434, 44.1689**, and **27.1065, 25.5506, 6.9931** is the 20% darker color. If you saturate the color by 10%, you get **51.4793, 48.2875, 14.2358**, and if you desaturate by 10%, it is **57.9820, 57.4084, 28.3788**.

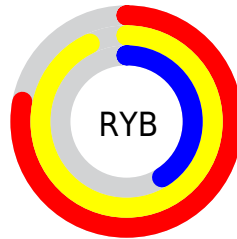
Distribution



Red (93%)

Green (71%)

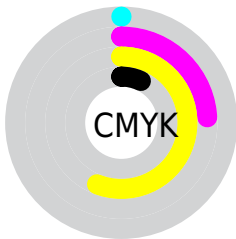
Blue (41%)



Red (78%)

Yellow (93%)

Blue (41%)

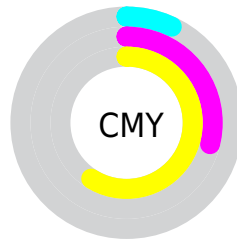


Cyan (0%)

Magenta (24%)

Yellow (56%)

Black (7%)



Cyan (7%)

Magenta (29%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4865, 52.6325, 20.3840 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 54.4865, 52.6325, 20.3840 by changing the saturation by 10% instead.

54.4865, 52.6325,
20.3840

54.4865, 52.6325,
20.3840

394.1306,
396.8736, 266.6591

39.2230, 37.5095,
12.4876

95.9409, 94.0634,
44.9275

27.1147, 25.6022,
6.9501

122.8625,
121.1400, 62.4116

17.7964, 16.5263,
3.3530

154.4008,
152.9700, 83.9288

10.9027, 9.8973,
1.2776

190.9212,
189.9377, 109.8976

6.0683, 5.3309,
0.0433

232.7890,
232.4275, 140.7365

2.9277, 2.4427,
0.0000

280.3696,

1.1156, 0.8477,

280.8238, 176.8640

0.0000

334.0284,
335.5110, 218.6987

■ 0.0381, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4865, 52.6325,
20.3840

■ 54.4865, 52.6325,
20.3840

■ 51.4793, 48.2875,
14.2358

■ 57.9820, 57.4084,
28.3788

■ 48.9242, 44.3480,
9.7746


■ 61.9910, 62.6237,
38.3554


■ 46.7846, 40.7966,
6.8185


■ 66.5411, 68.2960,
50.4401


■ 45.0145, 37.6095,
5.1396


■ 71.6568, 74.4395,
64.7474

 44.4269, 36.5114,
4.7059

 77.3606, 81.0676,
81.3836

 83.6739, 88.1928,
100.4482

 88.0018, 94.7812,
108.2642

 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.



63.5984, 52.6325, 27.5825



54.4865, 52.6325, 20.3840



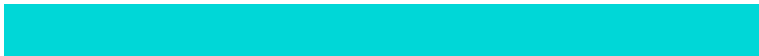
45.1952, 52.6325, 20.6394

Triad

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



54.4865, 52.6325, 20.3840



34.6274, 52.6325, 72.8358



64.1674, 52.6325, 101.0885

Complementary

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



54.4865, 52.6325, 20.3840



33.7117, 34.2562, 85.7238

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.



55.1885, 52.6325, 122.5999



54.4865, 52.6325, 20.3840



38.5359, 52.6325, 103.1229

Square

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



54.4865, 52.6325, 20.3840



34.4891, 52.6325, 45.7689



45.8151, 52.6325, 123.4431



69.6420, 52.6325, 70.6394

Rectangle

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



54.4865, 52.6325, 20.3840



40.1416, 52.6325, 24.8931



45.8151, 52.6325, 123.4431



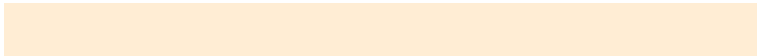
61.4119, 52.6325, 109.9705

Sweetspot

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



54.4878, 52.6351, 20.3850



83.3306, 86.4979, 74.3599



46.7378, 30.6891, 37.6742



17.5685, 18.1962, 15.1566



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.



54.4878, 52.6351, 20.3850



59.5869, 55.5414, 15.4831



65.4074, 78.8172, 24.8632



16.5372, 17.2876, 16.6150



24.9166, 20.6313, 2.6690



2.1709, 1.9124, 0.2547

Inverse Universe

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



33.7117, 34.2562, 85.7238



33.0602, 32.1264, 99.0663



27.1848, 19.5805, 83.2351



15.4400, 16.3141, 20.0568



11.2442, 8.7127, 46.2169



1.0315, 0.9170, 3.8769

Previews

White Background



This preview shows how the XYZ color 54.4865, 52.6325, 20.3840 looks on a white background.

Color Contrast Check

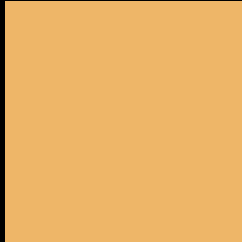
Large Text (above 18pt) WCAG AA × Fail

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 54.4865, 52.6325, 20.3840 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 54.4865, 52.6325, 20.3840

Background



This preview shows how black text looks on a background with the XYZ color 54.4865, 52.6325, 20.3840.



This preview shows how white text looks on a background with the XYZ color 54.4865, 52.6325,

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

54.4865, 52.6325, 20.3840

Protanopia

48.4204, 52.6309, 21.7941

Deuteranopia

53.6931, 52.5286, 20.4058



Tritanopia

61.2716, 52.4627, 53.3513

Trichromacy



Original Color

54.4865, 52.6325, 20.3840

Protanomaly

50.4559, 52.4001, 21.3648

Deuteranomaly

54.0242, 52.6993, 20.4213

Tritanomaly

58.1440, 52.3282, 38.4883

Monochromacy



Original Color

54.4865, 52.6325, 20.3840

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.7605, 51.3092, 40.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4865, 52.6325, 20.3840 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, 182, 104)` looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 104)  
}
```

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, 182, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 104) }
```

Border

The CSS property to change the border of an element to XYZ 54.4865, 52.6325, 20.3840 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, 182, 104) }
```


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

```
.border{ border-color:rgb(238, 182, 104) }
```

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

Here you see how a box with a 4 pixel rgb(238, 182, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 182, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 182, 104);  
box-shadow:4px 4px 4px 4px rgb(238, 182,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4865, 52.6325, 20.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 104) }
```

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

```
.background{ background-color: rgb(238,  
182, 104) }
```

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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