

Converting Colors

XYZ(54.6564, 55.5103, 22.1389)

Have a look what the booklet for
XYZ(54.6564, 55.5103, 22.1389)
contains.

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Color

**XYZ(54.6163, 55.5001,
22.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BF6C
RGB	232, 191, 108
RGB Percent	91%, 75%, 42%
CMY	0.0902, 0.2510, 0.5765
CMYK	0.00, 0.18, 0.53, 0.09
HSL	40°, 73%, 67%
HSV	40°, 53%, 91%
XYZ	54.6163, 55.5001, 22.0214
YIQ	193.7970, 51.0790, -17.1210

Conversions

Conversions Part 2

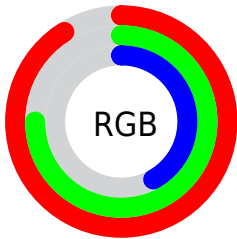
Format	Color
R_{YB}	169, 232, 108
Decimal	15253356
CIE _{Lab}	79.33, 4.79, 46.96
CIE _{LCh}	79, 47.205, 84.180
Yxy	55.5001, 0.4133, 0.4200
Android (android.graphics.Color)	4293443436 (0xFFE8BF6C)
YUV	193.7970, -42.2979, 33.5040
Hunter-Lab	74.4984, 0.4898, 34.6230

Details

The XYZ color **54.6163, 55.5001, 22.0214** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.4969, 30.5082, 80.5723**, and the grayscale version is **51.3804, 54.0561, 58.8671**.

A 20% lighter version of the original color is **80.9338, 90.3547, 46.8928**, and **27.2826, 27.4710, 7.7354** is the 20% darker color. If you saturate the color by 10%, you get **51.9134, 51.8143, 15.8183**, and if you desaturate by 10%, it is **57.7380, 59.4978, 29.9859**.

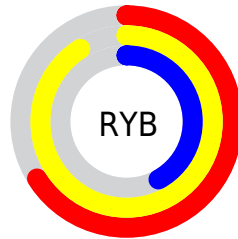
Distribution



Red (91%)

Green (75%)

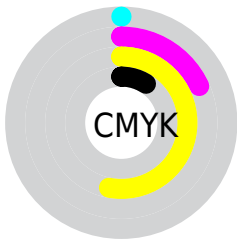
Blue (42%)



Red (66%)

Yellow (91%)

Blue (42%)

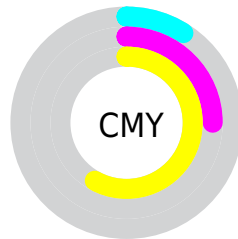


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6163, 55.5001, 22.0214 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 54.6163, 55.5001, 22.0214 by changing the saturation by 10% instead.

54.6163, 55.5001,
22.0214

54.6163, 55.5001,
22.0214

394.6159,
407.8048, 275.6152

39.3272, 39.8023,
13.6742

96.1302, 98.2733,
47.6840

27.1963, 27.3844,
7.7582

123.0856,
126.1174, 65.8365

17.8580, 17.8621,
3.8551

154.6607,
158.7791, 88.0944

10.9472, 10.8511,
1.5462

191.2205,
196.6428, 114.8763

6.0984, 5.9668,
0.2520

233.1307,
240.0928, 146.6008

2.9462, 2.8249,
0.0000

280.7563,

1.1254, 1.0410,

289.5135, 183.6865

0.0000

334.4630,
345.2894, 226.5517

■ 0.0462, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6163, 55.5001,
22.0214

■ 54.6163, 55.5001,
22.0214

■ 51.9134, 51.8143,
15.8183

■ 57.7380, 59.4978,
29.9859

■ 49.5972, 48.4191,
11.2322


■ 61.2996, 63.8116,
39.8339


■ 47.6369, 45.3022,
8.1014


■ 65.3252, 68.4553,
51.6807


■ 45.9937, 42.4457,
6.2283


■ 69.8359, 73.4393,
65.6310


 45.0500, 40.6985,
5.4812

 74.8513, 78.7734,
81.7824

 80.3900, 84.4669,
100.2262

 83.8890, 89.4965,
107.4609

 86.2539, 94.2264,
108.2492

 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



64.1226, 55.5001, 27.2793



54.6163, 55.5001, 22.0214



45.6492, 55.5001, 24.2888

Triad

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



54.6163, 55.5001, 22.0214



37.8431, 55.5001, 84.3650



68.9091, 55.5001, 96.3114

Complementary

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



54.6163, 55.5001, 22.0214



31.4969, 30.5082, 80.5723

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.



60.5540, 55.5001, 121.4623



54.6163, 55.5001, 22.0214



42.8105, 55.5001, 113.2459

Square

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



54.6163, 55.5001, 22.0214



36.6526, 55.5001, 55.3026



50.9290, 55.5001, 128.4402



72.9841, 55.5001, 65.8653

Rectangle

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



54.6163, 55.5001, 22.0214



41.0681, 55.5001, 30.2525



50.9290, 55.5001, 128.4402



66.4631, 55.5001, 105.9902

Sweetspot

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



54.6176, 55.5028, 22.0225



85.0101, 89.3391, 76.5160



44.0930, 30.0620, 32.0528



17.9445, 18.8462, 15.5964



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.



54.6176, 55.5028, 22.0225



64.0604, 63.8239, 19.0223



58.5230, 72.6940, 25.1349



15.1791, 15.9721, 15.1873



25.1301, 22.8343, 3.0830



1.9413, 1.8558, 0.2559

Inverse Universe

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



31.4969, 30.5082, 80.5723



32.6847, 29.9671, 98.6693



28.9313, 21.1931, 78.9095



13.9701, 14.6616, 18.2380



9.6508, 6.3637, 43.1028



0.7958, 0.6356, 3.2127

Previews

White Background



This preview shows how the XYZ color 54.6163, 55.5001, 22.0214 looks on a white background.

Color Contrast Check

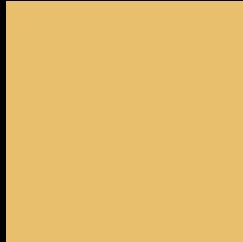
Large Text (above 18pt) WCAG AA × Fail

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 54.6163, 55.5001, 22.0214 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 54.6163, 55.5001, 22.0214

Background



This preview shows how black text looks on a background with the XYZ color 54.6163, 55.5001, 22.0214.



This preview shows how white text looks on a background with the XYZ color 54.6163, 55.5001,

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

54.6163, 55.5001, 22.0214

Protanopia

51.0996, 55.6572, 22.8015

Deuteranopia

56.6787, 55.5958, 22.2118



Tritanopia

62.3094, 55.5131, 59.0608

Trichromacy



Original Color

54.6163, 55.5001, 22.0214

Protanomaly

52.3996, 55.6639, 22.4505

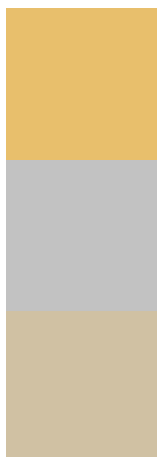
Deuteranomaly

55.8830, 55.5038, 22.2360

Tritanomaly

58.8849, 55.3468, 42.2298

Monochromacy



Original Color

54.6163, 55.5001, 22.0214

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6932, 54.1942, 42.3863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6163, 55.5001, 22.0214 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(232, 191, 108)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 108)  
}
```

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(232, 191, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 108) }
```

Border

The CSS property to change the border of an element to XYZ 54.6163, 55.5001, 22.0214 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(232, 191, 108) }
```


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

```
.border{ border-color:rgb(232, 191, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 191, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 108);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6163, 55.5001, 22.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 108) }
```

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

```
.background{ background-color: rgb(232,  
191, 108) }
```

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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