

Converting Colors

XYZ(53.8982, 53.8969, 22.2163)

Have a look what the booklet for
XYZ(53.8982, 53.8969, 22.2163)
contains.

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Color

**XYZ(53.8635, 53.8222,
22.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BB6E
RGB	232, 187, 110
RGB Percent	91%, 73%, 43%
CMY	0.0902, 0.2666, 0.5686
CMYK	0.00, 0.19, 0.53, 0.09
HSL	38°, 73%, 67%
HSV	38°, 53%, 91%
XYZ	53.8635, 53.8222, 22.3017
YIQ	191.6770, 51.5370, -14.4070

Conversions

Conversions Part 2

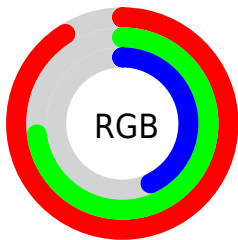
Format	Color
RYB	181, 232, 110
Decimal	15252334
CIELab	78.36, 7.05, 44.79
CIElCh	78, 45.344, 81.054
Yxy	53.8222, 0.4144, 0.4141
Android (android.graphics.Color)	4293442414 (0xFFE8BB6E)
YUV	191.6770, -40.2668, 35.3633
Hunter-Lab	73.3636, 2.6682, 33.3310

Details

The XYZ color **53.8635, 53.8222, 22.3017** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.7168, 32.5827, 80.9084**, and the grayscale version is **50.1220, 52.7322, 57.4254**.

A 20% lighter version of the original color is **79.9015, 88.0055, 47.4258**, and **26.7963, 26.3751, 7.9536** is the 20% darker color. If you saturate the color by 10%, you get **51.0008, 49.8607, 15.9106**, and if you desaturate by 10%, it is **57.1676, 58.1375, 30.4723**.

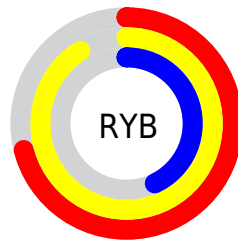
Distribution



Red (91%)

Green (73%)

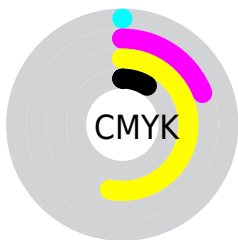
Blue (43%)



Red (71%)

Yellow (91%)

Blue (43%)

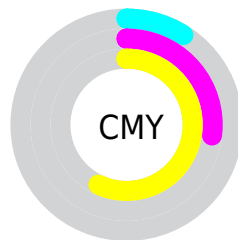


Cyan (0%)

Magenta (19%)

Yellow (53%)

Black (9%)



Cyan (9%)


Magenta (27%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8635, 53.8222, 22.3017 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 53.8635, 53.8222, 22.3017 by changing the saturation by 10% instead.


 53.8635, 53.8222,
22.3017


 53.8635, 53.8222,
22.3017


391.7961,
401.4316, 277.1225


 38.7228, 38.4595,
13.8783


 95.0319, 95.8131,
48.1527


 26.7239, 26.3395,
7.8983


 121.7902,
123.2102, 66.4174

 17.5015, 17.0778,
3.9431


 153.1518,
155.3875, 88.7996

 10.6902, 10.2900,
1.5942

 189.4820,
192.7295, 115.7179

 5.9247, 5.5917,
0.2867

231.1462,
235.6205, 147.5908

 2.8395, 2.5984,
0.0000

278.5097,

 1.0695, 0.9259,

284.4449, 184.8369

0.0000

331.9379,
339.5872, 227.8746

■ 0.0000, 0.0000,
0.0000

■ 53.8635, 53.8222,
22.3017

■ 53.8635, 53.8222,
22.3017

■ 51.0008, 49.8607,
15.9106

■ 57.1676, 58.1375,
30.4723

■ 48.5475, 46.2309,
11.1561

■ 60.9346, 62.8119,
40.5437

■ 46.4723, 42.9194,
7.8785

■ 65.1889, 67.8600,
52.6304

■ 44.7367, 39.9076,
5.8837

■ 69.9521, 73.2933,
66.8366

■ 43.6248, 37.8482,
5.0062

■ 75.2441, 79.1224,
83.2595

■ 81.0839, 85.3575,
101.9900

■ 84.5589, 90.8364,
107.6842

■ 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.



62.6830, 53.8222, 28.1568



53.8635, 53.8222, 22.3017



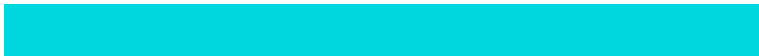
45.2525, 53.8222, 23.7362

Triad

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



53.8635, 53.8222, 22.3017



36.7922, 53.8222, 78.0286



65.6508, 53.8222, 95.1173

Complementary

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



53.8635, 53.8222, 22.3017



32.7168, 32.5827, 80.9084

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.



57.5526, 53.8222, 117.2610



53.8635, 53.8222, 22.3017



41.1373, 53.8222, 105.5725

Square

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



53.8635, 53.8222, 22.3017



36.0475, 53.8222, 51.3086



48.5415, 53.8222, 121.5603



69.9882, 53.8222, 66.5584

Rectangle

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



53.8635, 53.8222, 22.3017



40.7217, 53.8222, 28.8736



48.5415, 53.8222, 121.5603



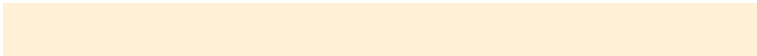
63.2367, 53.8222, 103.8663

Sweetspot

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



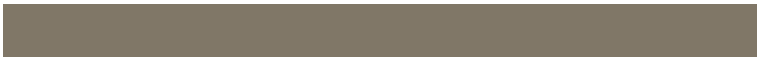
53.8648, 53.8248, 22.3028



84.5493, 88.4175, 76.3624



44.9208, 30.7345, 35.3593



17.8343, 18.6258, 15.5596



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.



53.8648, 53.8248, 22.3028



62.9599, 61.4420, 19.2134



60.5148, 73.7083, 25.7902



15.1314, 15.8767, 15.1714



24.3432, 21.2605, 2.8207



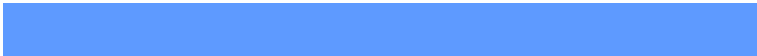
1.8869, 1.7471, 0.2378

Inverse Universe

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



32.7168, 32.5827, 80.9084



34.1916, 32.5973, 99.0976



28.4879, 21.2812, 78.9499



14.0160, 14.7534, 18.2533



10.0246, 7.1113, 43.2274



0.8272, 0.6983, 3.2232

Previews

White Background



This preview shows how the XYZ color 53.8635, 53.8222, 22.3017 looks on a white background.

Color Contrast Check

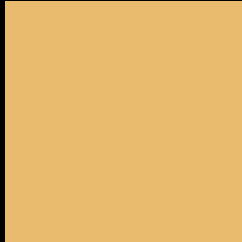
Large Text (above 18pt) WCAG AA × Fail

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 53.8635, 53.8222, 22.3017 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 53.8635, 53.8222, 22.3017

Background



This preview shows how black text looks on a background with the XYZ color 53.8635, 53.8222, 22.3017.



This preview shows how white text looks on a background with the XYZ color 53.8635, 53.8222,

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

53.8635, 53.8222, 22.3017

Protanopia

49.7130, 53.9220, 23.4106

Deuteranopia

55.0885, 53.8282, 22.2383



Tritanopia

60.7227, 53.5566, 56.4272

Trichromacy



Original Color

53.8635, 53.8222, 22.3017

Protanomaly

51.0706, 53.6471, 22.9924

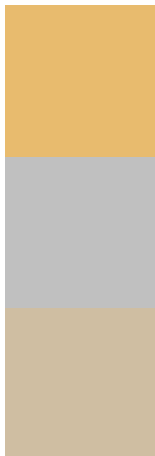
Deuteranomaly

54.6343, 53.9058, 22.2772

Tritanomaly

57.6375, 53.4892, 41.4690

Monochromacy



Original Color

53.8635, 53.8222, 22.3017

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6672, 52.7009, 41.6843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8635, 53.8222, 22.3017 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, 187, 110)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 110)  
}
```

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, 187, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 110) }
```

Border

The CSS property to change the border of an element to XYZ 53.8635, 53.8222, 22.3017 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, 187, 110) }
```


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

```
.border{ border-color:rgb(232, 187, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 187, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 110);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8635, 53.8222, 22.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 110) }
```

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

```
.background{ background-color: rgb(232,  
187, 110) }
```

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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