

Converting Colors

XYZ(53.2189, 58.5631, 8.4989)

Have a look what the booklet for
XYZ(53.2189, 58.5631, 8.4989)
contains.

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Color

**XYZ(53.1997, 58.4313,
8.4744)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C900
RGB	229, 201, 0
RGB Percent	90%, 79%, 0%
CMY	0.1020, 0.2117, 0.9999
CMYK	0.00, 0.12, 1.00, 0.10
HSL	53°, 100%, 45%
HSV	53°, 100%, 90%
XYZ	53.1997, 58.4313, 8.4744
YIQ	186.4580, 81.2090, -56.5750

Conversions

Conversions Part 2

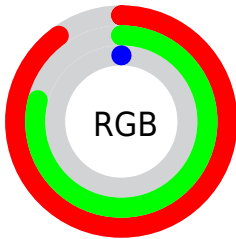
Format	Color
R _Y B	32, 229, 0
Decimal	15059200
CIE Lab	80.98, -5.95, 81.81
CIE LCh	81, 82.028, 94.159
Yxy	58.4313, 0.4429, 0.4865
Android (android.graphics.Color)	4293249280 (0xFFE5C900)
YUV	186.4580, -91.9238, 37.3093
Hunter-Lab	76.4404, -9.5412, 46.9352

Details

The XYZ color **53.1997, 58.4313, 8.4744** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **14.5586, 6.4885, 74.6131**, and the grayscale version is **47.4005, 49.8690, 54.3074**.

A 20% lighter version of the original color is **78.6397, 93.4359, 22.4845**, and **26.9521, 29.6148, 4.2957** is the 20% darker color. If you saturate the color by 10%, you get **53.2003, 58.4328, 8.4747**, and if you desaturate by 10%, it is **54.0134, 59.8129, 9.5048**.

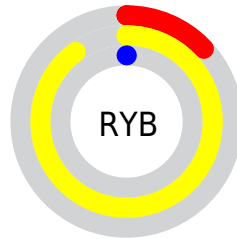
Distribution



Red (90%)

Green (79%)

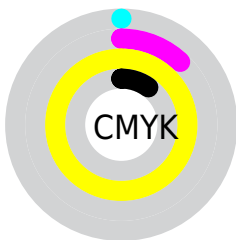
Blue (0%)



Red (13%)

Yellow (90%)

Blue (0%)

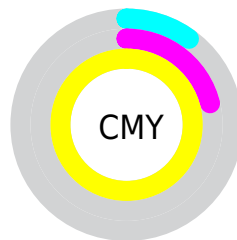


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1997, 58.4313, 8.4744 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 53.1997, 58.4313, 8.4744 by changing the saturation by 10% instead.


 53.1997, 58.4313,
8.4744


 53.1997, 58.4313,
8.4744


389.2991,
418.7911, 189.4784


 38.1903, 42.1555,
4.3079


 94.0620, 102.5507,
23.4447

 26.3083, 29.2231,
1.7957


 120.6456,
131.1630, 35.0855


 17.1883, 19.2496,
0.4251


 151.8179,
164.6563, 50.0549

 10.4650, 11.8508,
0.0000

 187.9445,
203.4150, 68.7713

 5.7730, 6.6422,
0.0000

 229.3905,
247.8234, 91.6533

 2.7469, 3.2393,
0.0000

 276.5214,

 1.0214, 1.2579,

298.2660, 119.1195

0.0000

329.7025,
355.1271, 151.5883

■ 0.0000, 0.1083,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1997, 58.4313,
8.4744

■ 53.1997, 58.4313,
8.4744

■ 53.2003, 58.4328,
8.4747

■ 54.0134, 59.8129,
9.5048

■ 55.0198, 61.2884,
11.4964

■ 56.2783, 62.8840,
14.7567

■ 57.8227, 64.6132,
19.4628

■ 59.6813, 66.4876,
25.7636

■ 61.8790, 68.5171,
33.7896

■ 64.4379, 70.7108,
43.6577

■ 67.3785, 73.0768,
55.4748

■ 70.7195, 75.6227,
69.3393

Harmonies

Analogous

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



71.0420, 58.4313, 11.0815



53.1997, 58.4313, 8.4744



39.1277, 58.4313, 13.3371

Triad

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



53.1997, 58.4313, 8.4744



32.6379, 58.4313, 132.0099



90.4660, 58.4313, 113.7856

Complementary

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



53.1997, 58.4313, 8.4744



14.5586, 6.4885, 74.6131

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.



75.9922, 58.4313, 176.8154



53.1997, 58.4313, 8.4744



42.4703, 58.4313, 190.5810

Square

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



53.1997, 58.4313, 8.4744



28.8940, 58.4313, 70.6568



57.9422, 58.4313, 210.1601



94.9449, 58.4313, 57.0699

Rectangle

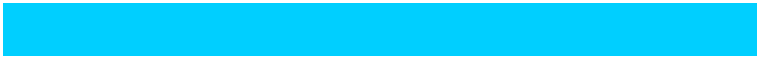
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1997, 58.4313, 8.4744



33.0257, 58.4313, 23.0356



57.9422, 58.4313, 210.1601



86.4811, 58.4313, 135.7078

Sweetspot

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



53.2010, 58.4341, 8.4756



82.1749, 90.1919, 55.4609



32.5545, 16.7549, 2.7838



17.2807, 19.0454, 10.6684



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.



53.2010, 58.4341, 8.4756



67.8489, 74.4778, 10.7996



39.7034, 62.0616, 9.8871



15.4433, 16.5006, 15.2754



30.4776, 33.5294, 4.8655



2.2947, 2.5627, 0.3737

Inverse Universe

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



14.5586, 6.4885, 74.6131



18.5445, 8.2091, 95.2148



17.7974, 7.5415, 74.6456



13.7241, 14.1696, 18.1560



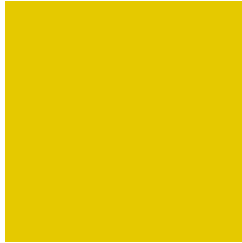
8.3697, 3.8015, 42.6758



0.6652, 0.3744, 3.1692

Previews

White Background



This preview shows how the XYZ color 53.1997, 58.4313, 8.4744 looks on a white background.

Color Contrast Check

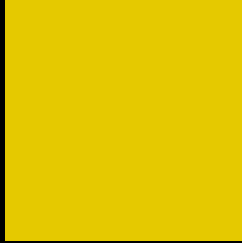
Large Text (above 18pt) WCAG AA × Fail

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 53.1997, 58.4313, 8.4744 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 53.1997, 58.4313, 8.4744

Background



This preview shows how black text looks on a background with the XYZ color 53.1997, 58.4313, 8.4744.

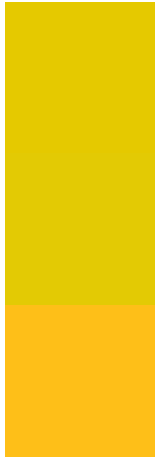


This preview shows how white text looks on a background with the XYZ color 53.1997, 58.4313,

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

53.1997, 58.4313, 8.4744

Protanopia

52.8210, 58.5807, 8.6381

Deuteranopia

59.6687, 58.3984, 8.9913



Tritanopia

64.2481, 58.2830, 63.1218

Trichromacy



Original Color

53.1997, 58.4313, 8.4744

Protanomaly

53.1319, 58.7416, 8.6241

Deuteranomaly

57.2575, 58.4772, 8.7214

Tritanomaly

57.3380, 57.0907, 28.4196

Monochromacy



Original Color

53.1997, 58.4313, 8.4744

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.2579, 51.1262, 24.5698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1997, 58.4313, 8.4744 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(229, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 201, 0)  
}
```

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(229, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 201, 0) }
```

Border

The CSS property to change the border of an element to XYZ 53.1997, 58.4313, 8.4744 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(229, 201, 0) }
```


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

```
.border{ border-color:rgb(229, 201, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 201, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 201,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1997, 58.4313, 8.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 201, 0) }
```

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

```
.background{ background-color: rgb(229,  
201, 0) }
```

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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