

Converting Colors

XYZ(54.3938, 56.6813, 8.1801)

Have a look what the booklet for
XYZ(54.3938, 56.6813, 8.1801)
contains.

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Color

**XYZ(54.2388, 56.5969,
8.1805)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC204
RGB	237, 194, 4
RGB Percent	93%, 76%, 2%
CMY	0.0706, 0.2392, 0.9842
CMYK	0.00, 0.18, 0.98, 0.07
HSL	49°, 97%, 47%
HSV	49°, 98%, 93%
XYZ	54.2388, 56.5969, 8.1805
YIQ	185.1970, 86.6180, -49.9740

Conversions

Conversions Part 2

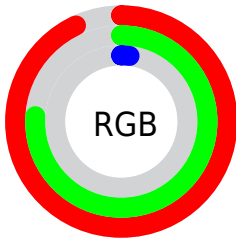
Format	Color
RYB	57, 237, 4
Decimal	15581700
CIELab	79.95, 1.14, 81.04
CIELCh	80, 81.051, 89.196
Yxy	56.5969, 0.4557, 0.4755
Android (android.graphics.Color)	4293771780 (0xFFEDC204)
YUV	185.1970, -89.3301, 45.4312
Hunter-Lab	75.2309, -2.9620, 46.2145

Details

The XYZ color **54.2388, 56.5969, 8.1805** 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 **16.3535, 8.1747, 80.8361**, and the grayscale version is **46.6750, 49.1057, 53.4761**.

A 20% lighter version of the original color is **77.0653, 90.2871, 21.9597**, and **27.4294, 28.2799, 4.0129** is the 20% darker color. If you saturate the color by 10%, you get **54.0532, 56.2612, 8.0106**, and if you desaturate by 10%, it is **55.4122, 58.6490, 9.4812**.

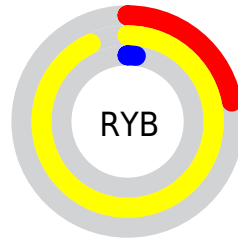
Distribution



Red (93%)

Green (76%)

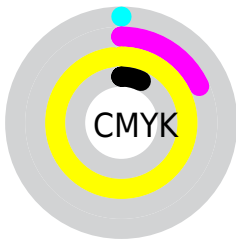
Blue (2%)



Red (22%)

Yellow (93%)

Blue (2%)

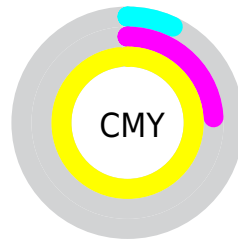


Cyan (0%)

Magenta (18%)

Yellow (98%)

Black (7%)



Cyan (7%)


Magenta (24%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2388, 56.5969, 8.1805 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 54.2388, 56.5969, 8.1805 by changing the saturation by 10% instead.


 54.2388, 56.5969,
8.1805


 54.2388, 56.5969,
8.1805


393.2035,
411.9371, 187.1281


 39.0240, 40.6817,
4.1212


 95.5796, 99.8768,
22.8635

 26.9592, 28.0705,
1.6921


 122.4364,
128.0102, 34.3244


 17.6790, 18.3788,
0.3553


 153.9045,
160.9852, 49.0895

 10.8181, 11.2223,
0.0000

 190.3494,
199.1862, 67.5774

 6.0110, 6.2165,
0.0000

 232.1364,
242.9974, 90.2067

 2.8925, 2.9772,
0.0000

 279.6309,

 1.0972, 1.1198,

292.8034, 117.3959

0.0000

333.1981,
348.9885, 149.5635

■ 0.0228, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2388, 56.5969,
8.1805

■ 54.2388, 56.5969,
8.1805

■ 54.0532, 56.2612,
8.0106

■ 55.4122, 58.6490,
9.4812

■ 56.8295, 60.8427,
11.9297

■ 58.5426, 63.2013,
15.7923

■ 60.5873, 65.7395,
21.2558

■ 62.9938, 68.4698,
28.4786

■ 65.7887, 71.4031,
37.5999

■ 68.9961, 74.5496,
48.7450

■ 72.6379, 77.9182,
62.0284

■ 76.7345, 81.5175,
77.5561

Harmonies

Analogous

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



71.6692, 56.5969, 11.9736



54.2388, 56.5969, 8.1805



39.7945, 56.5969, 11.5521

Triad

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



54.2388, 56.5969, 8.1805



30.6393, 56.5969, 117.2055



85.7866, 56.5969, 120.6185

Complementary

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



54.2388, 56.5969, 8.1805



16.3535, 8.1747, 80.8361

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.



70.7422, 56.5969, 179.3282



54.2388, 56.5969, 8.1805



39.1689, 56.5969, 176.7493

Square

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



54.2388, 56.5969, 8.1805



27.9627, 56.5969, 60.3618



53.3510, 56.5969, 203.7995



92.0175, 56.5969, 62.9045

Rectangle

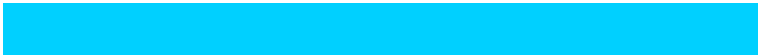
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.2388, 56.5969, 8.1805



33.2301, 56.5969, 19.3635



53.3510, 56.5969, 203.7995



81.4593, 56.5969, 141.7839

Sweetspot

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



54.2401, 56.5997, 8.1816



81.1457, 87.7183, 56.3975



35.5576, 18.3274, 4.7515



17.0120, 18.4299, 10.8190



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.



54.2401, 56.5997, 8.1816



63.7820, 66.3439, 9.4440



46.2649, 68.8038, 10.9576



16.1019, 17.1268, 15.9759



29.6012, 30.8967, 4.4035



2.3856, 2.5486, 0.3662

Inverse Universe

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



16.3535, 8.1747, 80.8361



19.0688, 9.2576, 95.3896



18.1472, 7.6542, 80.6411



14.4561, 14.9985, 19.0553



8.9009, 4.4489, 44.1326



0.7626, 0.4767, 3.4867

Previews

White Background



This preview shows how the XYZ color 54.2388, 56.5969, 8.1805 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 54.2388, 56.5969, 8.1805 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 54.2388, 56.5969, 8.1805

Background



This preview shows how black text looks on a background with the XYZ color 54.2388, 56.5969, 8.1805.

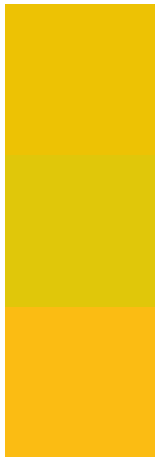


This preview shows how white text looks on a background with the XYZ color 54.2388, 56.5969,

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

54.2388, 56.5969, 8.1805

Protanopia

51.2187, 56.7161, 8.5349

Deuteranopia

57.8844, 56.5227, 8.4752



Tritanopia

64.4166, 56.3117, 58.5131

Trichromacy



Original Color

54.2388, 56.5969, 8.1805

Protanomaly

52.3232, 56.6080, 8.3984

Deuteranomaly

56.4988, 56.4514, 8.3339

Tritanomaly

58.0128, 55.2333, 27.0055

Monochromacy



Original Color

54.2388, 56.5969, 8.1805

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.2148, 50.1357, 24.6941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2388, 56.5969, 8.1805 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(237, 194, 4)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 4)  
}
```

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(237, 194, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 4) }
```

Border

The CSS property to change the border of an element to XYZ 54.2388, 56.5969, 8.1805 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(237, 194, 4) }
```


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

```
.border{ border-color:rgb(237, 194, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 4);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2388, 56.5969, 8.1805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 4) }
```

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

```
.background{ background-color: rgb(237,  
194, 4) }
```

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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