

Converting Colors

XYZ(54.1929, 56.3181, 9.7065)

Have a look what the booklet for
XYZ(54.1929, 56.3181, 9.7065)
contains.

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Color

**XYZ(53.9805, 56.1002,
9.6524)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC124
RGB	236, 193, 36
RGB Percent	93%, 76%, 14%
CMY	0.0745, 0.2431, 0.8588
CMYK	0.00, 0.18, 0.85, 0.07
HSL	47°, 84%, 53%
HSV	47°, 85%, 93%
XYZ	53.9805, 56.1002, 9.6524
YIQ	187.9590, 76.0250, -39.7110

Conversions

Conversions Part 2

Format	Color
R _Y B	91, 236, 36
Decimal	15515940
CIE Lab	79.67, 1.69, 75.77
CIE LCh	80, 75.791, 88.721
Yxy	56.1002, 0.4508, 0.4685
Android (android.graphics.Color)	4293706020 (0xFFECC124)
YUV	187.9590, -74.9158, 42.1320
Hunter-Lab	74.9001, -2.4301, 44.7893

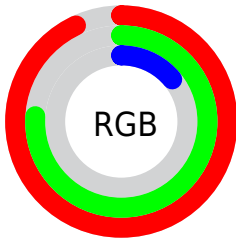
Details

The XYZ color **53.9805, 56.1002, 9.6524** is a light color, and the websafe version is hex **FFCC33**.

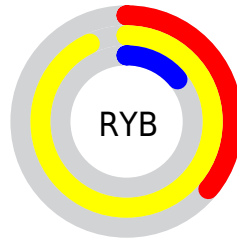
The color can be described as light washed yellow. A complement of this color would be **18.6641, 12.0234, 80.6933**, and the grayscale version is **48.1604, 50.6685, 55.1780**.

A 20% lighter version of the original color is **77.3203, 89.8932, 24.8312**, and **27.0573, 27.8701, 3.9534** is the 20% darker color. If you saturate the color by 10%, you get **52.6296, 53.7981, 7.9713**, and if you desaturate by 10%, it is **55.6094, 58.5795, 12.5968**.

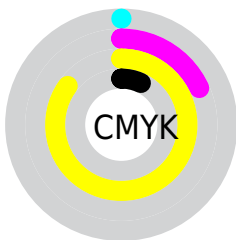
Distribution



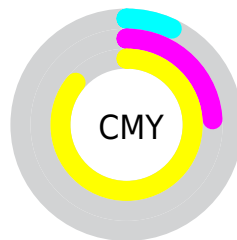
- Red (93%)
- Green (76%)
- Blue (14%)



- Red (36%)
- Yellow (93%)
- Blue (14%)



- Cyan (0%)
- Magenta (18%)
- Yellow (85%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9805, 56.1002, 9.6524 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 53.9805, 56.1002, 9.6524 by changing the saturation by 10% instead.

53.9805, 56.1002,
9.6524

53.9805, 56.1002,
9.6524

392.2352,
410.0690, 198.5667

38.8167, 40.2833,
5.0665

95.2027, 99.1511,
25.7371

26.7972, 27.7595,
2.2269

121.9917,
127.1538, 38.0731

17.5568, 18.1444,
0.6898

153.3866,
159.9872, 53.8294

10.7300, 11.0537,
0.0000

189.7526,
198.0358, 73.4248

5.9515, 6.1030,
0.0000

231.4551,
241.6838, 97.2776

2.8560, 2.9078,
0.0000

278.8595,

1.0781, 1.0838,

291.3158, 125.8065

0.0000

332.3311,
347.3161, 159.4301

■ 0.0067, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9805, 56.1002,
9.6524

■ 53.9805, 56.1002,
9.6524

■ 52.6296, 53.7981,
7.9713

■ 55.6094, 58.5795,
12.5968

■ 51.9964, 52.6419,
7.4204

■ 57.5533, 61.2447,
17.0138

■ 59.8467, 64.1125,
23.0776

■ 62.5182, 67.1949,
30.9377

■ 65.5935, 70.5027,
40.7263

■ 69.0955, 74.0456,
52.5636

■ 73.0455, 77.8329,
66.5596

■ 77.4633, 81.8728,
82.8166

■ 82.3673, 86.1733,
101.4304

Harmonies

Analogous

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



70.0893, 56.1002, 13.6819



53.9805, 56.1002, 9.6524



40.4045, 56.1002, 13.0004

Triad

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



53.9805, 56.1002, 9.6524



31.4709, 56.1002, 111.1371



82.6020, 56.1002, 116.0595

Complementary

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



53.9805, 56.1002, 9.6524



18.6641, 12.0234, 80.6933

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.



68.7342, 56.1002, 168.6753



53.9805, 56.1002, 9.6524



39.4671, 56.1002, 165.0030

Square

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



53.9805, 56.1002, 9.6524



28.9987, 56.1002, 59.2233



52.6680, 56.1002, 189.8527



88.4461, 56.1002, 62.9824

Rectangle

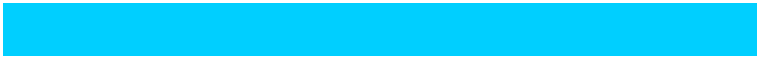
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9805, 56.1002, 9.6524



34.1383, 56.1002, 20.6718



52.6680, 56.1002, 189.8527



78.6082, 56.1002, 135.1727

Sweetspot

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



53.9818, 56.1029, 9.6535



82.2143, 88.1183, 62.1099



36.6466, 19.6644, 9.3262



17.2706, 18.5357, 12.1738



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.



53.9818, 56.1029, 9.6535



61.9364, 62.6528, 8.8288



48.9817, 69.7416, 12.5496



16.0612, 17.0454, 15.9623



28.7600, 29.2142, 4.1231



2.3266, 2.4305, 0.3465

Inverse Universe

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



18.6641, 12.0234, 80.6933



19.4076, 9.9351, 95.5025



20.2524, 9.6284, 80.1474



14.4937, 15.0738, 19.0679



9.0685, 4.7841, 44.1884



0.7810, 0.5134, 3.4928

Previews

White Background



This preview shows how the XYZ color 53.9805, 56.1002, 9.6524 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 53.9805, 56.1002, 9.6524 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 53.9805, 56.1002, 9.6524

Background



This preview shows how black text looks on a background with the XYZ color 53.9805, 56.1002, 9.6524.



This preview shows how white text looks on a background with the XYZ color 53.9805, 56.1002,

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

53.9805, 56.1002, 9.6524

Protanopia

50.6522, 56.0513, 9.8996

Deuteranopia

57.2202, 55.8336, 9.7686



Tritanopia

63.9529, 56.0856, 57.9070

Trichromacy



Original Color

53.9805, 56.1002, 9.6524

Protanomaly

51.7524, 55.9443, 9.8210

Deuteranomaly

55.8720, 55.7748, 9.7403

Tritanomaly

58.4108, 55.3527, 30.8981

Monochromacy



Original Color

53.9805, 56.1002, 9.6524

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8239, 51.4995, 29.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9805, 56.1002, 9.6524 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(236, 193, 36)` looks like.

```
.text, #text, p{  
    color:rgb(236, 193, 36)  
}
```

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(236, 193, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 193, 36) }
```

Border

The CSS property to change the border of an element to XYZ 53.9805, 56.1002, 9.6524 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(236, 193, 36) }
```


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

```
.border{ border-color:rgb(236, 193, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 193, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 193, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 193, 36);  
box-shadow:4px 4px 4px 4px rgb(236, 193,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9805, 56.1002, 9.6524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 193, 36) }
```

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

```
.background{ background-color: rgb(236,  
193, 36) }
```

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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