

Converting Colors

XYZ(56.6641, 57.1691, 9.2352)

Have a look what the booklet for
XYZ(56.6641, 57.1691, 9.2352)
contains.

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Color

**XYZ(56.7276, 57.2005,
9.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C01D
RGB	245, 192, 29
RGB Percent	96%, 75%, 11%
CMY	0.0392, 0.2470, 0.8862
CMYK	0.00, 0.22, 0.88, 0.04
HSL	45°, 92%, 54%
HSV	45°, 88%, 96%
XYZ	56.7276, 57.2005, 9.2133
YIQ	189.2650, 83.9110, -39.4570

Conversions

Conversions Part 2

Format	Color
R _Y B	99, 245, 29
Decimal	16105501
CIE Lab	80.29, 5.92, 78.22
CIE LCh	80, 78.441, 85.671
Yxy	57.2005, 0.4607, 0.4645
Android (android.graphics.Color)	4294295581 (0xFFFF5C01D)
YUV	189.2650, -79.0106, 48.8796
Hunter-Lab	75.6310, 1.5310, 45.7191

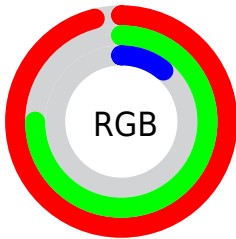
Details

The XYZ color **56.7276, 57.2005, 9.2133** is a light color, and the websafe version is hex **FFCC33**.

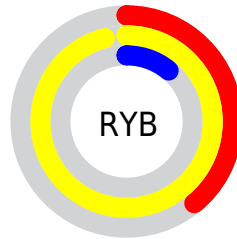
The color can be described as light washed yellow. A complement of this color would be **20.0057, 12.8887, 87.8188**, and the grayscale version is **48.9284, 51.4765, 56.0579**.

A 20% lighter version of the original color is **76.8278, 89.2030, 23.7583**, and **28.9998, 28.6556, 4.0026** is the 20% darker color. If you saturate the color by 10%, you get **55.2386, 54.5382, 7.7450**, and if you desaturate by 10%, it is **58.5084, 60.0703, 11.9409**.

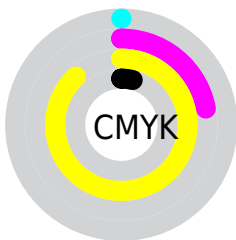
Distribution



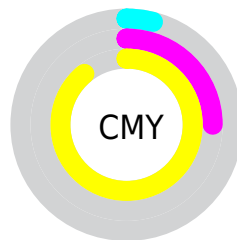
- Red (96%)
- Green (75%)
- Blue (11%)



- Red (39%)
- Yellow (96%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (88%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7276, 57.2005, 9.2133 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 56.7276, 57.2005, 9.2133 by changing the saturation by 10% instead.


 56.7276, 57.2005,
9.2133

 56.7276, 57.2005,
9.2133


402.4585,
414.2002, 195.2375


 41.0259, 41.1662,
4.7819


 99.2013, 100.7577,
24.8891

 28.5271, 28.4490,
2.0634


 126.7039,
129.0494, 36.9706

 18.8658, 18.6644,
0.5938


 158.8709,
162.1957, 52.4392

 11.6768, 11.4280,
0.0000

 196.0676,
200.5810, 71.7134

 6.5946, 6.3555,
0.0000

 238.6593,
244.5897, 95.2118

 3.2540, 3.0624,
0.0000

 287.0115,

 1.2894, 1.1644,

294.6062, 123.3530

0.0000

341.4894,
351.0149, 156.5553

■ 0.1753, 0.0324,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7276, 57.2005,
9.2133

■ 56.7276, 57.2005,
9.2133

■ 55.2386, 54.5382,
7.7450


■ 58.5084, 60.0703,
11.9409


■ 54.9817, 54.0640,
7.5375


■ 60.6310, 63.1619,
16.2053

■ 63.1359, 66.4945,
22.2102


■ 66.0561, 70.0825,
30.1275

 69.4209, 73.9385,
40.1080

 73.2566, 78.0740,
52.2876

 77.5874, 82.4995,
66.7905

 82.4356, 87.2248,
83.7315

 87.8220, 92.2593,
103.2180

Harmonies

Analogous

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



73.6694, 57.2005, 14.1246



56.7276, 57.2005, 9.2133



42.0776, 57.2005, 11.7885

Triad

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



56.7276, 57.2005, 9.2133



31.0488, 57.2005, 108.8855



84.0022, 57.2005, 126.5101

Complementary

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



56.7276, 57.2005, 9.2133



20.0057, 12.8887, 87.8188

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.



68.8436, 57.2005, 180.5398



56.7276, 57.2005, 9.2133



38.7708, 57.2005, 167.3277

Square

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



56.7276, 57.2005, 9.2133



29.0592, 57.2005, 55.8524



52.0735, 57.2005, 198.2942



91.2603, 57.2005, 69.1862

Rectangle

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



56.7276, 57.2005, 9.2133



35.1640, 57.2005, 18.7189



52.0735, 57.2005, 198.2942



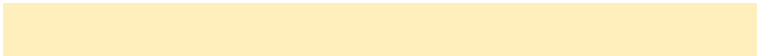
79.5326, 57.2005, 146.5777

Sweetspot

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



56.7289, 57.2033, 9.2144



81.1813, 86.4982, 60.3907



39.6571, 20.9161, 10.1320



17.0427, 18.1651, 11.8351



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.



56.7289, 57.2033, 9.2144



60.1857, 59.1513, 8.2452



54.3603, 76.4696, 13.0580



17.5502, 18.5845, 17.4597



29.7344, 29.3543, 4.0988



2.6934, 2.7400, 0.3869

Inverse Universe

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



20.0057, 12.8887, 87.8188



19.8034, 10.7268, 95.6345



20.4888, 9.3110, 87.1028



15.9114, 16.5870, 20.9056



9.8431, 5.4800, 47.0770



0.9427, 0.6368, 4.1635

Previews

White Background



This preview shows how the XYZ color 56.7276, 57.2005, 9.2133 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 56.7276, 57.2005, 9.2133 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 56.7276, 57.2005, 9.2133

Background



This preview shows how black text looks on a background with the XYZ color 56.7276, 57.2005, 9.2133.



This preview shows how white text looks on a background with the XYZ color 56.7276, 57.2005,

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

56.7276, 57.2005, 9.2133

Protanopia

51.9529, 57.4150, 9.6403

Deuteranopia

58.5898, 57.1896, 9.2470



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

56.7276, 57.2005, 9.2133

Protanomaly

53.4793, 57.1820, 9.4469

Deuteranomaly

57.7147, 57.0604, 9.2002

Tritanomaly

61.1578, 56.4837, 29.8694

Monochromacy



Original Color

56.7276, 57.2005, 9.2133

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8047, 52.0209, 28.9415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7276, 57.2005, 9.2133 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(245, 192, 29)` looks like.

```
.text, #text, p{  
    color:rgb(245, 192, 29)  
}
```

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(245, 192, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 192, 29) }
```

Border

The CSS property to change the border of an element to XYZ 56.7276, 57.2005, 9.2133 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(245, 192, 29) }
```


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

```
.border{ border-color:rgb(245, 192, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 192, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 192, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 192, 29);  
box-shadow:4px 4px 4px 4px rgb(245, 192,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7276, 57.2005, 9.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 192, 29) }
```

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

```
.background{ background-color: rgb(245,  
192, 29) }
```

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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