

Converting Colors

XYZ(57.2911, 56.0371, 13.5934)

Have a look what the booklet for
XYZ(57.2911, 56.0371, 13.5934)
contains.

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Color

**XYZ(57.4465, 56.1828,
13.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BC46
RGB	247, 188, 70
RGB Percent	97%, 74%, 27%
CMY	0.0314, 0.2627, 0.7255
CMYK	0.00, 0.24, 0.72, 0.03
HSL	40°, 92%, 62%
HSV	40°, 72%, 97%
XYZ	57.4465, 56.1828, 13.6110
YIQ	192.1890, 73.0420, -24.1900

Conversions

Conversions Part 2

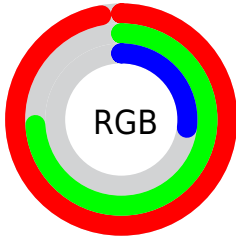
Format	Color
RYB	159, 247, 70
Decimal	16235590
CIELab	79.72, 10.17, 65.03
CIElCh	80, 65.819, 81.113
Yxy	56.1828, 0.4515, 0.4415
Android (android.graphics.Color)	4294425670 (0xFFF7BC46)
YUV	192.1890, -60.2392, 48.0692
Hunter-Lab	74.9552, 5.6328, 41.7022

Details

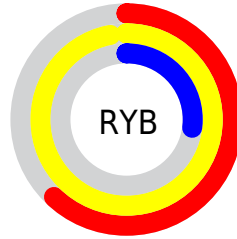
The XYZ color **57.4465, 56.1828, 13.6110** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **27.1643, 23.7172, 91.1413**, and the grayscale version is **50.5260, 53.1573, 57.8883**.

A 20% lighter version of the original color is **77.2288, 87.4166, 31.8715**, and **28.9137, 27.7670, 3.8357** is the 20% darker color. If you saturate the color by 10%, you get **55.1128, 52.5173, 9.7455**, and if you desaturate by 10%, it is **60.2036, 60.1827, 19.1994**.

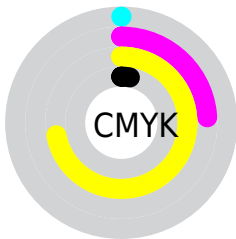
Distribution



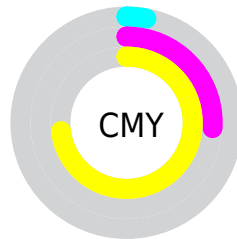
- Red (97%)
- Green (74%)
- Blue (27%)



- Red (62%)
- Yellow (97%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (72%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4465, 56.1828, 13.6110 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 57.4465, 56.1828, 13.6110 by changing the saturation by 10% instead.


 57.4465, 56.1828,
13.6110


 57.4465, 56.1828,
13.6110


405.1075,
410.3800, 226.1409

 41.6054, 40.3495,
7.7150


 100.2440, 99.2718,
33.1043

 28.9822, 27.8112,
3.8280


 127.9311,
127.2963, 47.5387


 19.2115, 18.1834,
1.5314


 160.2975,
160.1533, 65.6563

 11.9281, 11.0817,
0.2412

 197.7087,
198.2272, 87.8756

 6.7666, 6.1218,
0.0000

 240.5299,
241.9025, 114.6151

 3.3616, 2.9193,
0.0000

289.1265,

 1.3477, 1.0897,

291.5634, 146.2935

0.0000

343.8639,
347.5945, 183.3292

■ 0.2185, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4465, 56.1828,
13.6110

■ 57.4465, 56.1828,
13.6110

■ 55.1128, 52.5173,
9.7455

■ 60.2036, 60.1827,
19.1994


■ 53.1547, 49.1576,
7.3772


■ 63.4168, 64.5260,
26.6925


■ 51.7540, 46.5670,
6.2606


■ 67.1194, 69.2306,
36.2524


■ 71.3403, 74.3107,
48.0229

 76.1056, 79.7791,
62.1349

 81.4397, 85.6479,
78.7088

 87.3652, 91.9285,
97.8570

 91.8070, 97.7931,
108.6449

 92.1675, 98.5140,
108.7651

Harmonies

Analogous

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



71.1051, 56.1828, 20.0574



57.4465, 56.1828, 13.6110



44.7131, 56.1828, 15.1468

Triad

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



57.4465, 56.1828, 13.6110



32.9307, 56.1828, 91.5071



75.8658, 56.1828, 119.5890

Complementary

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



57.4465, 56.1828, 13.6110



27.1643, 23.7172, 91.1413

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.



63.1450, 56.1828, 158.0088



57.4465, 56.1828, 13.6110



38.9088, 56.1828, 137.6632

Square

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



57.4465, 56.1828, 13.6110



31.9206, 56.1828, 50.5482



49.5483, 56.1828, 165.7263



82.8393, 56.1828, 73.1923

Rectangle

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



57.4465, 56.1828, 13.6110



38.2964, 56.1828, 20.9389



49.5483, 56.1828, 165.7263



72.0294, 56.1828, 134.5489

Sweetspot

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



57.4478, 56.1856, 13.6121



82.1638, 86.1546, 67.8353



44.5105, 25.7399, 23.3921



17.2680, 18.0819, 13.5561



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.



57.4478, 56.1856, 13.6121



58.2628, 54.8035, 9.1525



63.1303, 81.7918, 18.2551



17.4222, 18.3286, 17.4171



27.5071, 24.8998, 3.3564



2.5118, 2.3769, 0.3264

Inverse Universe

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



27.1643, 23.7172, 91.1413



24.2137, 18.4828, 96.8991



24.1795, 13.7773, 89.3800



16.0324, 16.8291, 20.9459



10.6039, 7.0016, 47.3306



1.0226, 0.7967, 4.1901

Previews

White Background



This preview shows how the XYZ color 57.4465, 56.1828, 13.6110 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 57.4465, 56.1828, 13.6110 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 57.4465, 56.1828, 13.6110

Background



This preview shows how black text looks on a background with the XYZ color 57.4465, 56.1828, 13.6110.



This preview shows how white text looks on a background with the XYZ color 57.4465, 56.1828,

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

57.4465, 56.1828, 13.6110

Protanopia

51.2155, 56.2414, 14.4597

Deuteranopia

57.4465, 56.1828, 13.6110



Tritanopia

66.0596, 56.0284, 56.0480

Trichromacy



Original Color

57.4465, 56.1828, 13.6110

Protanomaly

53.0946, 55.8744, 14.1174

Deuteranomaly

57.4465, 56.1828, 13.6110

Tritanomaly

61.6544, 55.4133, 34.6404

Monochromacy



Original Color

57.4465, 56.1828, 13.6110

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1275, 53.3968, 35.6289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4465, 56.1828, 13.6110 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(247, 188, 70)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 70)  
}
```

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(247, 188, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 70) }
```

Border

The CSS property to change the border of an element to XYZ 57.4465, 56.1828, 13.6110 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(247, 188, 70) }
```


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

```
.border{ border-color:rgb(247, 188, 70) }
```

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

Here you see how a box with a 4 pixel rgb(247, 188, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 70);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4465, 56.1828, 13.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 70) }
```

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

```
.background{ background-color: rgb(247,  
188, 70) }
```

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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