

Converting Colors

XYZ(65.7699, 67.1845, 23.3309)

Have a look what the booklet for
XYZ(65.7699, 67.1845, 23.3309)
contains.

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Color

**XYZ(65.7177, 67.0559,
23.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD06B
RGB	253, 208, 107
RGB Percent	99%, 82%, 42%
CMY	0.0078, 0.1843, 0.5804
CMYK	0.00, 0.18, 0.58, 0.01
HSL	42°, 97%, 71%
HSV	42°, 58%, 99%
XYZ	65.7177, 67.0559, 23.3893
YIQ	209.9410, 59.2410, -21.8710

Conversions

Conversions Part 2

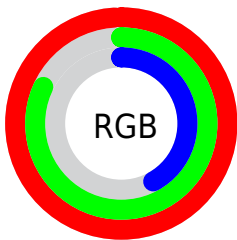
Format	Color
RYB	172, 253, 107
Decimal	16633963
CIELab	85.53, 4.49, 55.28
CIELCh	86, 55.458, 85.353
Yxy	67.0559, 0.4208, 0.4294
Android (android.graphics.Color)	4294824043 (0xFFFD06B)
YUV	209.9410, -50.7499, 37.7627
Hunter-Lab	81.8877, -0.0510, 40.3866

Details

The XYZ color **65.7177, 67.0559, 23.3893** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.0208, 32.6729, 97.3887**, and the grayscale version is **61.5167, 64.7204, 70.4805**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **34.2138, 34.7150, 8.3874** is the 20% darker color. If you saturate the color by 10%, you get **62.7224, 62.8930, 16.7572**, and if you desaturate by 10%, it is **69.1990, 71.5679, 32.1054**.

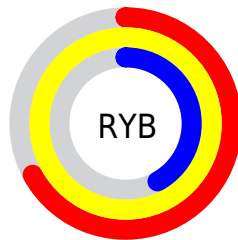
Distribution



Red (99%)

Green (82%)

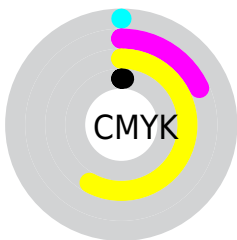
Blue (42%)



Red (67%)

Yellow (99%)

Blue (42%)

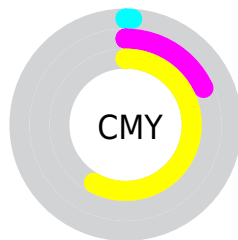


Cyan (0%)

Magenta (18%)

Yellow (58%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7177, 67.0559, 23.3893 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 65.7177, 67.0559, 23.3893 by changing the saturation by 10% instead.

65.7177, 67.0559,
23.3893

65.7177, 67.0559,
23.3893

434.8712,
450.1437, 282.9047

48.3101, 49.1301,
14.6732

112.1410,
115.0005, 49.9630

34.2848, 34.7227,
8.4463

141.8875,
145.7881, 68.6578

23.2764, 23.4493,
4.2900

176.4777,
181.6316, 91.5159

14.9196, 14.9256,
1.7857

216.2769,
222.9156, 118.9558

8.8489, 8.7672,
0.4185

261.6505,
270.0244, 151.3961

4.6991, 4.5897,
0.0000

312.9638,

2.1047, 2.0086,

323.3425, 189.2553

0.0000

370.5823,
383.2541, 232.9520

■ 0.6918, 0.6124,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7177, 67.0559,
23.3893

■ 65.7177, 67.0559,
23.3893

■ 62.7224, 62.8930,
16.7572

■ 69.1990, 71.5679,
32.1054

■ 60.1719, 59.0529,
12.0202

■ 73.1936, 76.4342,
43.0643

■ 58.0252, 55.5195,
8.9615

■ 77.7321, 81.6718,
56.4140

■ 56.2260, 52.2681,
7.2920

■ 82.8413, 87.2933,
72.2884

■ 55.8438, 51.5545,
7.0077

■ 88.5457, 93.3105,
90.8116

■ 94.2501, 99.4872,
108.8432

■ 94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



78.5257, 67.0559, 29.5113



65.7177, 67.0559, 23.3893



53.9123, 67.0559, 26.5437

Triad

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



65.7177, 67.0559, 23.3893



44.2504, 67.0559, 106.9391



85.8180, 67.0559, 119.9946

Complementary

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



65.7177, 67.0559, 23.3893



35.0208, 32.6729, 97.3887

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.



74.6829, 67.0559, 155.3870



65.7177, 67.0559, 23.3893



50.9283, 67.0559, 146.2703

Square

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



65.7177, 67.0559, 23.3893



42.5064, 67.0559, 67.5340



61.7918, 67.0559, 166.3144



91.0633, 67.0559, 78.7795

Rectangle

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



65.7177, 67.0559, 23.3893



48.0038, 67.0559, 34.2991



61.7918, 67.0559, 166.3144



82.5738, 67.0559, 133.4383

Sweetspot

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



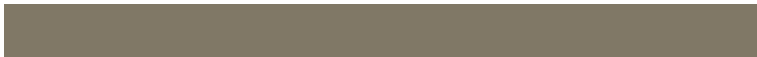
65.7193, 67.0591, 23.3906



84.7248, 89.2863, 74.8246



51.5350, 33.7062, 34.0287



17.8988, 18.8567, 15.2667



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.



65.7193, 67.0591, 23.3906



63.4876, 63.4943, 16.3161



69.2164, 87.5183, 27.1553



19.0612, 20.0905, 19.0176



29.8423, 27.6959, 3.7730



3.0027, 2.8907, 0.3997

Inverse Universe

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



35.0208, 32.6729, 97.3887



29.7037, 25.7345, 98.0094



32.7822, 22.6572, 95.5735



17.4596, 18.2907, 22.8602



10.9923, 6.8943, 50.1859



1.1623, 0.8552, 4.9171

Previews

White Background



This preview shows how the XYZ color 65.7177, 67.0559, 23.3893 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 65.7177, 67.0559, 23.3893 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 65.7177, 67.0559, 23.3893

Background



This preview shows how black text looks on a background with the XYZ color 65.7177, 67.0559, 23.3893.



This preview shows how white text looks on a background with the XYZ color 65.7177, 67.0559,

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

65.7177, 67.0559, 23.3893

Protanopia

61.3990, 67.0301, 24.1700

Deuteranopia

67.6845, 67.1519, 32.3159



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

65.7177, 67.0559, 23.3893

Protanomaly

62.8682, 67.0469, 23.8152

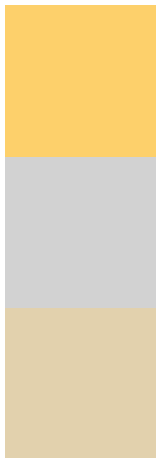
Deuteranomaly

66.8875, 67.1771, 28.8432

Tritanomaly

69.6336, 66.3679, 49.1846

Monochromacy



Original Color

65.7177, 67.0559, 23.3893

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7073, 64.7868, 48.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7177, 67.0559, 23.3893 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(253, 208, 107)` looks like.

```
.text, #text, p{  
    color:rgb(253, 208, 107)  
}
```

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(253, 208, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 208, 107) }
```

Border

The CSS property to change the border of an element to XYZ 65.7177, 67.0559, 23.3893 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(253, 208, 107) }
```


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

```
.border{ border-color:rgb(253, 208, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 208, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 208, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 208, 107);  
box-shadow:4px 4px 4px 4px rgb(253, 208,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7177, 67.0559, 23.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 208, 107) }
```

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

```
.background{ background-color: rgb(253,  
208, 107) }
```

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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