

Converting Colors

XYZ(88.3275, 78.4953, 24.3201)

Have a look what the booklet for
XYZ(88.3275, 78.4953, 24.3201)
contains.

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Color

**XYZ(66.2067, 66.9472,
23.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCF6B
RGB	255, 207, 107
RGB Percent	100%, 81%, 42%
CMY	0.0000, 0.1882, 0.5804
CMYK	0.00, 0.19, 0.58, 0.00
HSL	41°, 100%, 71%
HSV	41°, 58%, 100%
XYZ	66.2067, 66.9472, 23.3425
YIQ	209.9520, 60.7080, -20.9240

Conversions

Conversions Part 2

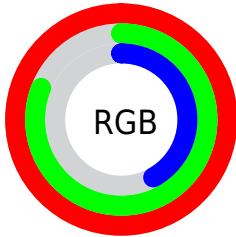
Format	Color
R_{YB}	178, 255, 107
Decimal	16764779
CIE _{Lab}	85.48, 5.82, 55.26
CIE _{LCh}	85, 55.567, 83.985
Yxy	66.9472, 0.4231, 0.4278
Android (android.graphics.Color)	4294954859 (0xFFFFCF6B)
YUV	209.9520, -50.7553, 39.5071
Hunter-Lab	81.8213, 1.2483, 40.3603

Details

The XYZ color **66.2067, 66.9472, 23.3425** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.8343, 33.7871, 99.2403**, and the grayscale version is **61.5233, 64.7274, 70.4881**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **34.5865, 34.6604, 8.4817** is the 20% darker color. If you saturate the color by 10%, you get **63.1071, 62.5877, 16.6383**, and if you desaturate by 10%, it is **69.8100, 71.6812, 32.1670**.

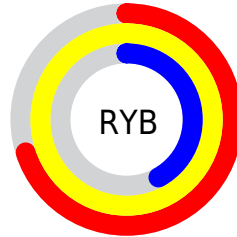
Distribution



Red (100%)

Green (81%)

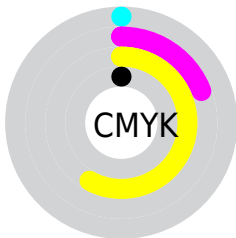
Blue (42%)



Red (70%)

Yellow (100%)

Blue (42%)

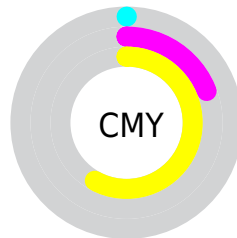


Cyan (0%)

Magenta (19%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2067, 66.9472, 23.3425 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 66.2067, 66.9472, 23.3425 by changing the saturation by 10% instead.


 66.2067, 66.9472,
23.3425


 66.2067, 66.9472,
23.3425


436.5927,
449.7568, 282.6580


 48.7085, 49.0417,
14.6389


 112.8390,
114.8448, 49.8854


 34.6019, 34.6526,
8.4226


 142.7039,
145.6056, 68.5618

 23.5215, 23.3954,
4.2749


 177.4218,
181.4204, 91.3996

 15.1018, 14.8857,
1.7773

 217.3579,
222.6735, 118.8173

 8.9777, 8.7392,
0.4129

262.8777,
269.7493, 151.2335

 4.7836, 4.5715,
0.0000

314.3466,

 2.1543, 1.9981,

323.0322, 189.0666

0.0000

372.1298,
382.9065, 232.7353

■ 0.7185, 0.6064,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2067, 66.9472,
23.3425

■ 66.2067, 66.9472,
23.3425

■ 63.1071, 62.5877,
16.6383

■ 69.8100, 71.6812,
32.1670

■ 60.4688, 58.5756,
11.8609

■ 73.9452, 76.7958,
43.2747

■ 58.2494, 54.8938,
8.7877

■ 78.6439, 82.3085,
56.8166

■ 56.3898, 51.5159,
7.1152

■ 83.9335, 88.2329,
72.9301

■ 56.0510, 50.8822,
6.8670

■ 89.8394, 94.5813,
91.7419

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



78.9827, 66.9472, 29.9122



66.2067, 66.9472, 23.3425



54.2738, 66.9472, 26.0703

Triad

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



66.2067, 66.9472, 23.3425



43.9465, 66.9472, 104.9278



85.3317, 66.9472, 121.8341

Complementary

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



66.2067, 66.9472, 23.3425



35.8343, 33.7871, 99.2403

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.



74.0070, 66.9472, 156.5448



66.2067, 66.9472, 23.3425



50.4103, 66.9472, 144.7393

Square

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



66.2067, 66.9472, 23.3425



42.4325, 66.9472, 65.8553



61.1236, 66.9472, 166.0777



90.9241, 66.9472, 80.4175

Rectangle

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



66.2067, 66.9472, 23.3425



48.2319, 66.9472, 33.4708



61.1236, 66.9472, 166.0777



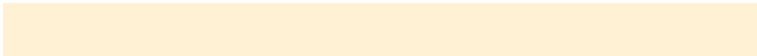
82.0023, 66.9472, 135.1573

Sweetspot

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



66.2083, 66.9504, 23.3438



84.5178, 88.8723, 74.7556



52.5270, 34.1875, 35.4318



17.8497, 18.7585, 15.2503



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.



66.2083, 66.9504, 23.3438



62.5545, 61.7738, 15.5555



71.1541, 89.4595, 27.4279



19.0356, 20.0393, 19.0090



29.4295, 26.8702, 3.6354



2.9648, 2.8150, 0.3871

Inverse Universe

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



35.8343, 33.7871, 99.2403



29.6487, 25.9337, 98.0508



32.7719, 22.6148, 97.2452



17.4839, 18.3395, 22.8683



11.1552, 7.2199, 50.2402



1.1805, 0.8917, 4.9232

Previews

White Background



This preview shows how the XYZ color 66.2067, 66.9472, 23.3425 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 66.2067, 66.9472, 23.3425 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 66.2067, 66.9472, 23.3425

Background



This preview shows how black text looks on a background with the XYZ color 66.2067, 66.9472, 23.3425.



This preview shows how white text looks on a background with the XYZ color 66.2067, 66.9472,

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

66.2067, 66.9472, 23.3425

Protanopia

61.3990, 67.0301, 24.1700

Deuteranopia

67.6845, 67.1519, 32.3159



Tritanopia

73.4213, 66.8100, 70.6539

Trichromacy



Original Color

66.2067, 66.9472, 23.3425

Protanomaly

62.9632, 66.7259, 23.7482

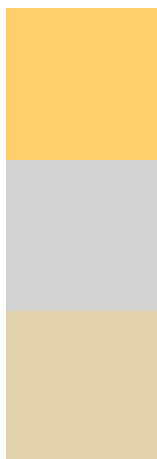
Deuteranomaly

67.0130, 66.8833, 28.7798

Tritanomaly

69.9034, 66.5182, 48.6902

Monochromacy



Original Color

66.2067, 66.9472, 23.3425

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 66.2067, 66.9472, 23.3425 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(255, 207, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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(255, 207, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 107) }
```

Border

The CSS property to change the border of an element to XYZ 66.2067, 66.9472, 23.3425 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(255, 207, 107) }
```


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

```
.border{ border-color:rgb(255, 207, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2067, 66.9472, 23.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 107) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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