

Converting Colors

XYZ(66.7493, 67.2809, 25.8415)

Have a look what the booklet for
XYZ(66.7493, 67.2809, 25.8415)
contains.

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Color

**XYZ(66.7052, 67.1466,
25.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCF74
RGB	255, 207, 116
RGB Percent	100%, 81%, 45%
CMY	0.0000, 0.1882, 0.5451
CMYK	0.00, 0.19, 0.55, 0.00
HSL	39°, 100%, 73%
HSV	39°, 55%, 100%
XYZ	66.7052, 67.1466, 25.9678
YIQ	210.9780, 57.8190, -18.1250

Conversions

Conversions Part 2

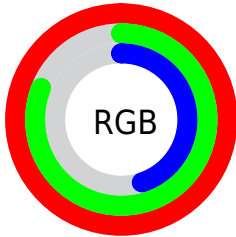
Format	Color
R _Y B	189, 255, 116
Decimal	16764788
CIE Lab	85.58, 6.50, 51.11
CIE LCh	86, 51.517, 82.753
Yxy	67.1466, 0.4174, 0.4201
Android (android.graphics.Color)	4294954868 (0xFFFFCF74)
YUV	210.9780, -46.8242, 38.6073
Hunter-Lab	81.9430, 1.9065, 38.5711

Details

The XYZ color **66.7052, 67.1466, 25.9678** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.5273, 37.4824, 99.8116**, and the grayscale version is **62.1767, 65.4147, 71.2366**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **34.8223, 34.7547, 9.7235** is the 20% darker color. If you saturate the color by 10%, you get **63.3471, 62.4873, 18.5079**, and if you desaturate by 10%, it is **70.5926, 72.2131, 35.6136**.

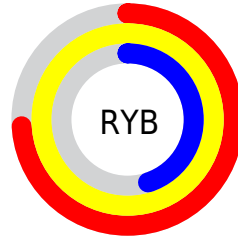
Distribution



Red (100%)

Green (81%)

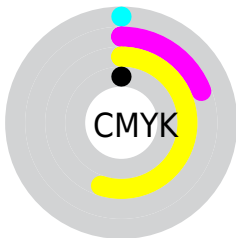
Blue (45%)



Red (74%)

Yellow (100%)

Blue (45%)

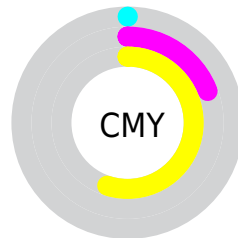


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7052, 67.1466, 25.9678 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 66.7052, 67.1466, 25.9678 by changing the saturation by 10% instead.

66.7052, 67.1466,
25.9678

66.7052, 67.1466,
25.9678

438.3437,
450.4664, 296.2244

49.1149, 49.2038,
16.5740

113.5500,
115.1304, 54.2064

34.9256, 34.7812,
9.7725

143.5353,
145.9403, 73.8884

23.7718, 23.4943,
5.1448

178.3829,
181.8079, 97.8367

15.2882, 14.9590,
2.2722

218.4582,
223.1176, 126.4701

9.1096, 8.7906,
0.7156

264.1266,
270.2540, 160.2070

4.8704, 4.6048,
0.0000

315.7534,

2.2054, 2.0173,

323.6013, 199.4660

0.0000

373.7040,
383.5440, 244.6657

■ 0.7456, 0.6175,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7052, 67.1466,
25.9678

■ 66.7052, 67.1466,
25.9678

■ 63.3471, 62.4873,
18.5079

■ 70.5926, 72.2131,
35.6136

■ 60.4773, 58.2080,
13.0492

■ 75.0366, 77.6930,
47.6018

■ 58.0556, 54.2922,
9.3830

■ 80.0681, 83.6042,
62.0787

■ 56.0314, 50.7161,
7.2516

■ 85.7142, 89.9604,
79.1777

■ 55.0500, 48.8803,
6.5334

■ 91.9999, 96.7743,
99.0226

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.



78.4503, 67.1466, 32.8397



66.7052, 67.1466, 25.9678



55.4984, 67.1466, 28.2935

Triad

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



66.7052, 67.1466, 25.9678



45.2185, 67.1466, 101.0107



83.4861, 67.1466, 119.5270

Complementary

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



66.7052, 67.1466, 25.9678



38.5273, 37.4824, 99.8116

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.



72.9362, 67.1466, 150.2090



66.7052, 67.1466, 25.9678



51.1335, 67.1466, 137.4353

Square

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



66.7052, 67.1466, 25.9678



43.9797, 67.1466, 65.2703



61.0208, 67.1466, 157.6083



88.8791, 67.1466, 81.5562

Rectangle

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



66.7052, 67.1466, 25.9678



49.7169, 67.1466, 35.2318



61.0208, 67.1466, 157.6083



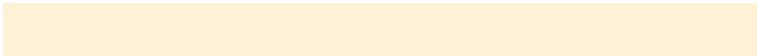
80.3678, 67.1466, 131.4568

Sweetspot

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



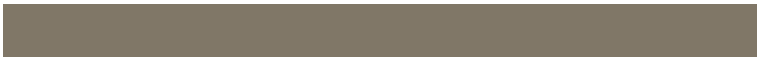
66.7068, 67.1498, 25.9691



84.8326, 88.9841, 76.4568



54.2453, 36.4552, 39.6087



17.9020, 18.7613, 15.5822



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.



66.7068, 67.1498, 25.9691



63.1952, 62.2686, 18.1946



72.8933, 90.2985, 30.1112



19.0023, 19.9727, 18.9979



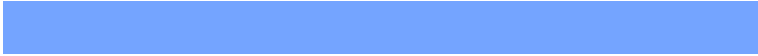
28.9097, 25.8306, 3.4621



2.9168, 2.7191, 0.3711

Inverse Universe

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



38.5273, 37.4824, 99.8116



32.5469, 30.0623, 98.6949



34.5879, 25.0172, 97.6132



17.5158, 18.4032, 22.8789



11.3818, 7.6731, 50.3158



1.2054, 0.9416, 4.9315

Previews

White Background



This preview shows how the XYZ color 66.7052, 67.1466, 25.9678 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 66.7052, 67.1466, 25.9678 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 66.7052, 67.1466, 25.9678

Background



This preview shows how black text looks on a background with the XYZ color 66.7052, 67.1466, 25.9678.



This preview shows how white text looks on a background with the XYZ color 66.7052, 67.1466,

25.9678.

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

66.7052, 67.1466, 25.9678

Protanopia

61.6373, 67.0872, 27.1533

Deuteranopia

67.8988, 67.2376, 33.4443



Tritanopia

73.7779, 67.3220, 71.3933

Trichromacy



Original Color

66.7052, 67.1466, 25.9678

Protanomaly

63.1822, 66.7738, 26.6981

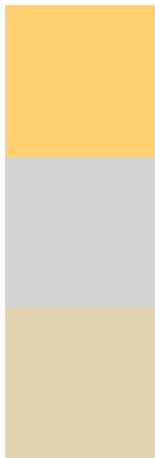
Deuteranomaly

67.3406, 67.0143, 30.5049

Tritanomaly

70.5317, 67.1462, 50.8381

Monochromacy



Original Color

66.7052, 67.1466, 25.9678

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5616, 65.5587, 50.4310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7052, 67.1466, 25.9678 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 116) }
```

Border

The CSS property to change the border of an element to XYZ 66.7052, 67.1466, 25.9678 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, 116) }
```


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

```
.border{ border-color:rgb(255, 207, 116) }
```

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, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7052, 67.1466, 25.9678 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, 116) }
```

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

```
.background{ background-color: rgb(255,  
207, 116) }
```

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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