

Converting Colors

XYZ(71.8400, 70.0947, 27.2667)

Have a look what the booklet for
XYZ(71.8400, 70.0947, 27.2667)
contains.

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Color

**XYZ(67.1256, 67.7037,
26.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD077
RGB	255, 208, 119
RGB Percent	100%, 82%, 47%
CMY	0.0000, 0.1843, 0.5333
CMYK	0.00, 0.18, 0.53, 0.00
HSL	39°, 100%, 73%
HSV	39°, 53%, 100%
XYZ	67.1256, 67.7037, 26.9830
YIQ	211.9070, 56.5810, -17.7150

Conversions

Conversions Part 2

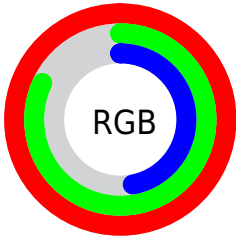
Format	Color
RYB	191, 255, 119
Decimal	16765047
CIELab	85.86, 6.22, 49.99
CIELCh	86, 50.379, 82.905
Yxy	67.7037, 0.4148, 0.4184
Android (android.graphics.Color)	4294955127 (0xFFFFD077)
YUV	211.9070, -45.8032, 37.7926
Hunter-Lab	82.2823, 1.6258, 38.1545

Details

The XYZ color **67.1256, 67.7037, 26.9830** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.2933, 38.4127, 99.9506**, and the grayscale version is **62.7875, 66.0573, 71.9364**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **35.3337, 35.2522, 10.2523** is the 20% darker color. If you saturate the color by 10%, you get **63.7063, 62.9960, 19.2748**, and if you desaturate by 10%, it is **71.0783, 72.8209, 36.8970**.

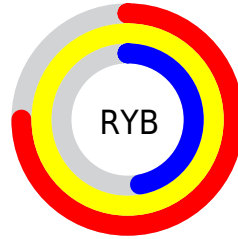
Distribution



Red (100%)

Green (82%)

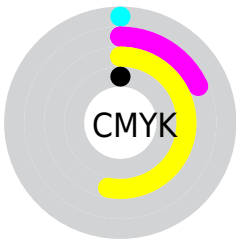
Blue (47%)



Red (75%)

Yellow (100%)

Blue (47%)

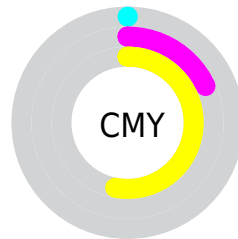


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1256, 67.7037, 26.9830 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 67.1256, 67.7037, 26.9830 by changing the saturation by 10% instead.


 67.1256, 67.7037,
26.9830

 67.1256, 67.7037,
26.9830


439.8172,
452.4455, 301.3324


 49.4578, 49.6567,
17.3281


 114.1492,
115.9282, 55.8600

 35.1988, 35.1407,
10.3043


 144.2356,
146.8744, 75.9192

 23.9833, 23.7713,
5.4929


 179.1923,
182.8893, 100.2836

 15.4459, 15.1640,
2.4755

219.3847,
224.3570, 129.3717

 9.2213, 8.9346,
0.8272

265.1779,
271.6621, 163.6021

 4.9440, 4.6985,
0.0000

316.9376,

 2.2489, 2.0715,

325.1890, 203.3933

0.0000

375.0288,
385.3220, 249.1639

■ 0.7683, 0.6485,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1256, 67.7037,
26.9830

■ 67.1256, 67.7037,
26.9830

■ 63.7063, 62.9960,
19.2748

■ 71.0783, 72.8209,
36.8970

■ 60.7800, 58.6709,
13.5904

■ 75.5914, 78.3536,
49.1711

■ 58.3074, 54.7119,
9.7253

■ 80.6954, 84.3196,
63.9503

■ 56.2389, 51.0962,
7.4289

■ 86.4172, 90.7325,
81.3667

■ 55.0377, 48.8558,
6.5293

■ 92.7818, 97.6051,
101.5431

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



78.6573, 67.7037, 33.8103



67.1256, 67.7037, 26.9830



56.1081, 67.7037, 29.3605

Triad

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



67.1256, 67.7037, 26.9830



46.0257, 67.7037, 101.2685



83.6860, 67.7037, 118.9849

Complementary

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



67.1256, 67.7037, 26.9830



39.2933, 38.4127, 99.9506

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.



73.3626, 67.7037, 148.9605



67.1256, 67.7037, 26.9830



51.8928, 67.7037, 136.7829

Square

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



67.1256, 67.7037, 26.9830



44.7760, 67.7037, 66.1557



61.6526, 67.7037, 156.2961



88.9308, 67.7037, 81.8353

Rectangle

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



67.1256, 67.7037, 26.9830



50.4171, 67.7037, 36.3282



61.6526, 67.7037, 156.2961



80.6397, 67.7037, 130.6369

Sweetspot

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



67.1272, 67.7069, 26.9843



84.8294, 88.9778, 76.4558



54.7751, 37.2294, 40.6654



17.9013, 18.7598, 15.5819



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.



67.1272, 67.7069, 26.9843



63.4963, 62.6958, 18.8343



73.2187, 90.4456, 31.0523



19.0019, 19.9719, 18.9978



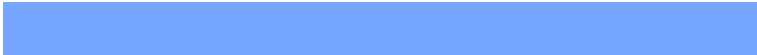
28.9033, 25.8179, 3.4600



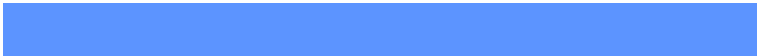
2.9163, 2.7179, 0.3709

Inverse Universe

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



39.2933, 38.4127, 99.9506



33.0638, 30.7252, 98.7957



35.3618, 25.9379, 97.7499



17.5162, 18.4040, 22.8791



11.3847, 7.6789, 50.3167



1.2058, 0.9422, 4.9316

Previews

White Background



This preview shows how the XYZ color 67.1256, 67.7037, 26.9830 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 67.1256, 67.7037, 26.9830 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 67.1256, 67.7037, 26.9830

Background



This preview shows how black text looks on a background with the XYZ color 67.1256, 67.7037, 26.9830.



This preview shows how white text looks on a background with the XYZ color 67.1256, 67.7037,

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

67.1256, 67.7037, 26.9830

Protanopia

62.3437, 67.8142, 27.8927

Deuteranopia

68.4353, 67.8386, 35.0784



Tritanopia

74.1369, 67.8374, 72.1373

Trichromacy



Original Color

67.1256, 67.7037, 26.9830

Protanomaly

63.8958, 67.4977, 27.4300

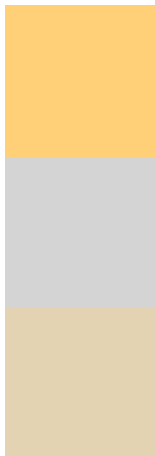
Deuteranomaly

67.8559, 67.6069, 32.0273

Tritanomaly

70.9695, 67.7004, 51.9748

Monochromacy



Original Color

67.1256, 67.7037, 26.9830

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3251, 66.2969, 51.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1256, 67.7037, 26.9830 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, 208, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 119)  
}
```

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, 208, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 119) }
```

Border

The CSS property to change the border of an element to XYZ 67.1256, 67.7037, 26.9830 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, 208, 119) }
```


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

```
.border{ border-color:rgb(255, 208, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1256, 67.7037, 26.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 119) }
```

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

```
.background{ background-color: rgb(255,  
208, 119) }
```

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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