

Converting Colors

XYZ(67.8660, 68.5886, 29.0662)

Have a look what the booklet for
XYZ(67.8660, 68.5886, 29.0662)
contains.

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Color

**XYZ(67.9883, 68.8339,
29.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD27D
RGB	255, 210, 125
RGB Percent	100%, 82%, 49%
CMY	0.0000, 0.1764, 0.5098
CMYK	0.00, 0.18, 0.51, 0.00
HSL	39°, 100%, 75%
HSV	39°, 51%, 100%
XYZ	67.9883, 68.8339, 29.1049
YIQ	213.7650, 54.1050, -16.8950

Conversions

Conversions Part 2

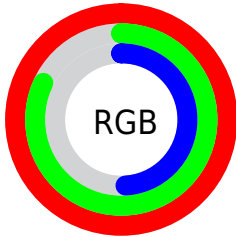
Format	Color
RYB	194, 255, 125
Decimal	16765565
CIELab	86.42, 5.69, 47.75
CIElCh	86, 48.093, 83.202
Yxy	68.8339, 0.4097, 0.4148
Android (android.graphics.Color)	4294955645 (0xFFFFD27D)
YUV	213.7650, -43.7611, 36.1631
Hunter-Lab	82.9662, 1.0845, 37.2772

Details

The XYZ color **67.9883, 68.8339, 29.1049** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.8816, 40.3278, 100.2368**, and the grayscale version is **64.0195, 67.3535, 73.3479**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **35.8894, 36.0071, 11.5371** is the 20% darker color. If you saturate the color by 10%, you get **64.4450, 64.0282, 20.8928**, and if you desaturate by 10%, it is **72.0733, 74.0538, 39.5618**.

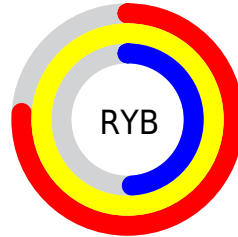
Distribution



Red (100%)

Green (82%)

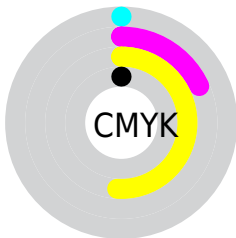
Blue (49%)



Red (76%)

Yellow (100%)

Blue (49%)

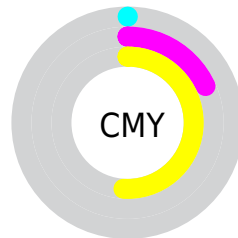


Cyan (0%)

Magenta (18%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9883, 68.8339, 29.1049 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 67.9883, 68.8339, 29.1049 by changing the saturation by 10% instead.


 67.9883, 68.8339,
29.1049

 67.9883, 68.8339,
29.1049


442.8319,
456.4449, 311.7860


 50.1619, 50.5764,
18.9139

 115.3774,
117.5443, 59.2879

 35.7603, 35.8716,
11.4319


 145.6708,
148.7660, 80.1170

 24.4184, 24.3351,
6.2403


 180.8505,
185.0780, 105.3292

 15.7707, 15.5824,
2.9206

221.2820,
226.8646, 135.3431

 9.4519, 9.2291,
1.0542

267.3305,
274.5102, 170.5771

 5.0965, 4.8909,
0.0000

319.3614,

 2.3393, 2.1834,

328.3992, 211.4500

0.0000

377.7401,
388.9160, 258.3801

■ 0.8147, 0.7109,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9883, 68.8339,
29.1049

■ 67.9883, 68.8339,
29.1049

■ 64.4450, 64.0282,
20.8928

■ 72.0733, 74.0538,
39.5618

■ 61.4037, 59.6099,
14.7485

■ 76.7260, 79.6935,
52.4140

■ 58.8267, 55.5634,
10.4753

■ 81.9767, 85.7706,
67.8034

■ 56.6670, 51.8666,
7.8353

■ 87.8515, 92.2984,
85.8598

■ 55.0115, 48.8031,
6.5205

94.3750, 99.2896,
106.7040

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



79.0859, 68.8339, 35.8303



67.9883, 68.8339, 29.1049



57.3572, 68.8339, 31.5788

Triad

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



67.9883, 68.8339, 29.1049



47.6744, 68.8339, 101.7544



84.0828, 68.8339, 117.9371

Complementary

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



67.9883, 68.8339, 29.1049



40.8816, 40.3278, 100.2368

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.



74.2150, 68.8339, 146.4949



67.9883, 68.8339, 29.1049



53.4346, 68.8339, 135.4531

Square

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



67.9883, 68.8339, 29.1049



46.4072, 68.8339, 67.9311



62.9261, 68.8339, 153.6785



89.0352, 68.8339, 82.4331

Rectangle

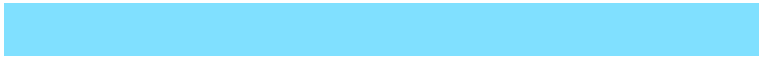
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9883, 68.8339, 29.1049



51.8518, 68.8339, 38.5864



62.9261, 68.8339, 153.6785



81.1804, 68.8339, 129.0334

Sweetspot

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



67.9900, 68.8372, 29.1063



85.4130, 89.6191, 78.2717



55.8770, 38.8491, 42.8330



18.0171, 18.8878, 15.9398



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.



67.9900, 68.8372, 29.1063



64.4384, 64.0189, 20.8781



73.8880, 90.7479, 33.0246



19.0010, 19.9701, 18.9975



28.8896, 25.7905, 3.4554



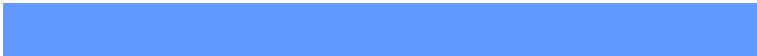
2.9150, 2.7153, 0.3705

Inverse Universe

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



40.8816, 40.3278, 100.2368



34.6831, 32.7746, 99.1059



36.9733, 27.8624, 98.0367



17.5171, 18.4057, 22.8794



11.3910, 7.6916, 50.3188



1.2065, 0.9436, 4.9318

Previews

White Background



This preview shows how the XYZ color 67.9883, 68.8339, 29.1049 looks on a white background.

Color Contrast Check

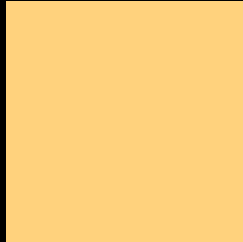
Large Text (above 18pt) WCAG AA × Fail

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 67.9883, 68.8339, 29.1049 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 67.9883, 68.8339, 29.1049

Background



This preview shows how black text looks on a background with the XYZ color 67.9883, 68.8339, 29.1049.



This preview shows how white text looks on a background with the XYZ color 67.9883, 68.8339,

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

67.9883, 68.8339, 29.1049

Protanopia

63.5687, 69.1625, 30.0780

Deuteranopia

69.4653, 69.0309, 38.0968



Tritanopia

74.8617, 68.8782, 73.6392

Trichromacy



Original Color

67.9883, 68.8339, 29.1049

Protanomaly

65.1207, 68.8326, 29.5925

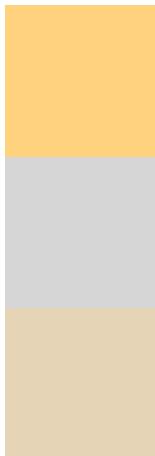
Deuteranomaly

68.7741, 68.7544, 34.4571

Tritanomaly

71.7548, 68.7800, 53.7500

Monochromacy



Original Color

67.9883, 68.8339, 29.1049

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5508, 67.6239, 53.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9883, 68.8339, 29.1049 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, 210, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 125)  
}
```

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, 210, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 125) }
```

Border

The CSS property to change the border of an element to XYZ 67.9883, 68.8339, 29.1049 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, 210, 125) }
```


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

```
.border{ border-color:rgb(255, 210, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 125); box-shadow:4px 4px 4px 4px rgb(255, 210, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9883, 68.8339, 29.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 125) }
```

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

```
.background{ background-color: rgb(255,  
210, 125) }
```

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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