

Converting Colors

XYZ(66.9423, 66.4885, 29.5378)

Have a look what the booklet for
XYZ(66.9423, 66.4885, 29.5378)
contains.

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Color

**XYZ(66.9021, 66.4549,
29.3796)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCD7F
RGB	255, 205, 127
RGB Percent	100%, 80%, 50%
CMY	0.0000, 0.1961, 0.5020
CMYK	0.00, 0.20, 0.50, 0.00
HSL	37°, 100%, 75%
HSV	37°, 50%, 100%
XYZ	66.9021, 66.4549, 29.3796
YIQ	211.0580, 54.8380, -13.6580

Conversions

Conversions Part 2

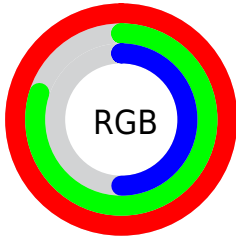
Format	Color
R _Y B	209, 255, 127
Decimal	16764287
CIE Lab	85.23, 8.44, 45.29
CIE LCh	85, 46.073, 79.439
Yxy	66.4549, 0.4111, 0.4084
Android (android.graphics.Color)	4294954367 (0xFFFFCD7F)
YUV	211.0580, -41.4406, 38.5371
Hunter-Lab	81.5199, 3.8324, 35.6959

Details

The XYZ color **66.9021, 66.4549, 29.3796** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.5239, 43.1747, 100.6999**, and the grayscale version is **62.1965, 65.4355, 71.2593**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **35.1361, 34.3908, 11.6237** is the 20% darker color. If you saturate the color by 10%, you get **63.1392, 61.2606, 20.9380**, and if you desaturate by 10%, it is **71.2405, 72.1272, 40.0890**.

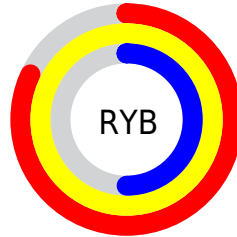
Distribution



Red (100%)

Green (80%)

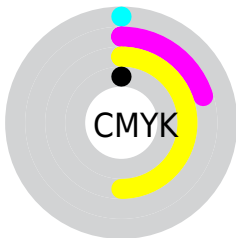
Blue (50%)



Red (82%)

Yellow (100%)

Blue (50%)

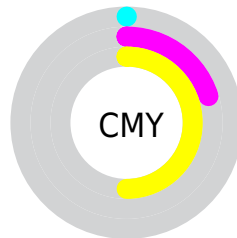


Cyan (0%)

Magenta (20%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9021, 66.4549, 29.3796 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 66.9021, 66.4549, 29.3796 by changing the saturation by 10% instead.

66.9021, 66.4549,
29.3796

66.9021, 66.4549,
29.3796

439.0342,
448.0020, 313.1186

49.2755, 48.6418,
19.1201

113.8307,
114.1390, 59.7290

35.0535, 34.3354,
11.5794

143.8634,
144.7787, 80.6560

23.8708, 23.1514,
6.3389

178.7621,
180.4628, 105.9760

15.3620, 14.7053,
2.9802

218.8923,
221.5756, 136.1074

9.1618, 8.6128,
1.0845

264.6192,
268.5016, 171.4688

4.9048, 4.4895,
0.0000

316.3083,

2.2257, 1.9510,

321.6250, 212.4788

0.0000

374.3248,
381.3303, 259.5559

■ 0.7562, 0.5788,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9021, 66.4549,
29.3796

■ 66.9021, 66.4549,
29.3796

■ 63.1392, 61.2606,
20.9380

■ 71.2405, 72.1272,
40.0890

■ 59.9117, 56.5161,
14.5889

■ 76.1813, 78.2849,
53.2159

■ 57.1813, 52.2041,
10.1374

■ 81.7550, 84.9471,
68.9017

■ 54.9008, 48.3008,
7.3492

■ 87.9888, 92.1287,
87.2754

■ 53.0283, 44.8367,
5.8594

94.9078, 99.8438,
108.4577

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



77.0880, 66.4549, 36.9710



66.9021, 66.4549, 29.3796



56.7357, 66.4549, 30.6565

Triad

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



66.9021, 66.4549, 29.3796



46.1116, 66.4549, 93.1533



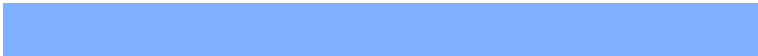
79.6163, 66.4549, 116.3824

Complementary

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



66.9021, 66.4549, 29.3796



42.5239, 43.1747, 100.6999

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.



70.0591, 66.4549, 140.9629



66.9021, 66.4549, 29.3796



51.0254, 66.4549, 125.2068

Square

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



66.9021, 66.4549, 29.3796



45.4648, 66.4549, 62.3552



59.5666, 66.4549, 144.5743



84.9456, 66.4549, 83.3773

Rectangle

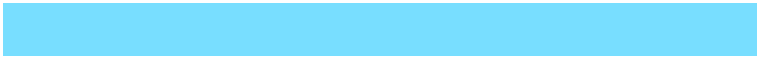
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.9021, 66.4549, 29.3796



51.2863, 66.4549, 36.5118



59.5666, 66.4549, 144.5743



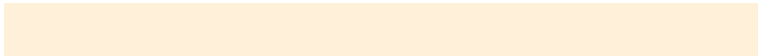
76.7457, 66.4549, 126.2494

Sweetspot

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



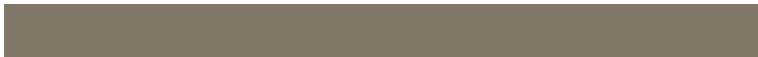
66.9037, 66.4581, 29.3809



84.9097, 88.6124, 78.1040



56.8857, 39.6617, 46.8828



17.8955, 18.6447, 15.8993



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.



66.9037, 66.4581, 29.3809



63.2075, 61.3577, 21.0822



76.2775, 91.9649, 33.8102



18.9308, 19.8297, 18.9741



27.8580, 23.7271, 3.1115



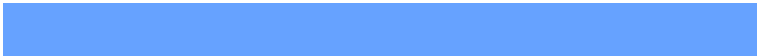
2.8188, 2.5229, 0.3384

Inverse Universe

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



42.5239, 43.1747, 100.6999



36.4074, 35.8005, 99.5991



36.4215, 27.9576, 98.0843



17.5849, 18.5413, 22.9020



11.9272, 8.7639, 50.4976



1.2638, 1.0583, 4.9509

Previews

White Background



This preview shows how the XYZ color 66.9021, 66.4549, 29.3796 looks on a white background.

Color Contrast Check

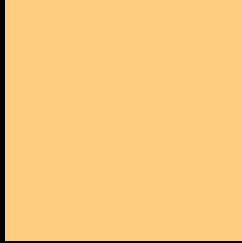
Large Text (above 18pt) WCAG AA × Fail

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 66.9021, 66.4549, 29.3796 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 66.9021, 66.4549, 29.3796

Background



This preview shows how black text looks on a background with the XYZ color 66.9021, 66.4549, 29.3796.



This preview shows how white text looks on a background with the XYZ color 66.9021, 66.4549,

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

66.9021, 66.4549, 29.3796

Protanopia

61.4278, 66.5238, 30.7219

Deuteranopia

67.4203, 66.2807, 33.2848



Tritanopia

73.1920, 66.3513, 70.5775

Trichromacy



Original Color

66.9021, 66.4549, 29.3796

Protanomaly

63.2847, 66.3789, 30.2458

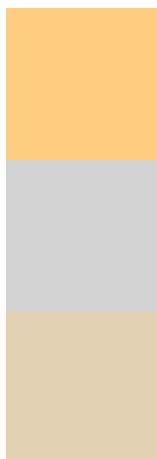
Deuteranomaly

67.1359, 66.1670, 31.7873

Tritanomaly

70.3649, 66.3286, 52.2741

Monochromacy



Original Color

66.9021, 66.4549, 29.3796

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7172, 65.2271, 52.4646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9021, 66.4549, 29.3796 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, 205, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 127)  
}
```

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, 205, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 127) }
```

Border

The CSS property to change the border of an element to XYZ 66.9021, 66.4549, 29.3796 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, 205, 127) }
```


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

```
.border{ border-color:rgb(255, 205, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9021, 66.4549, 29.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 127) }
```

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

```
.background{ background-color: rgb(255,  
205, 127) }
```

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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