

Converting Colors

XYZ(64.0119, 66.0673, 29.5584)

Have a look what the booklet for
XYZ(64.0119, 66.0673, 29.5584)
contains.

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Color

**XYZ(64.0428, 66.0565,
29.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D07F
RGB	245, 208, 127
RGB Percent	96%, 82%, 50%
CMY	0.0392, 0.1843, 0.5020
CMYK	0.00, 0.15, 0.48, 0.04
HSL	41°, 86%, 73%
HSV	41°, 48%, 96%
XYZ	64.0428, 66.0565, 29.4534
YIQ	209.8290, 48.0530, -17.3470

Conversions

Conversions Part 2

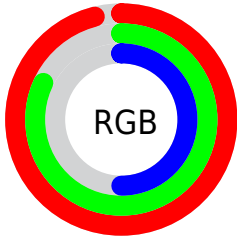
Format	Color
RYB	181, 245, 127
Decimal	16109695
CIELab	85.03, 2.89, 44.83
CIELCh	85, 44.928, 86.313
Yxy	66.0565, 0.4014, 0.4140
Android (android.graphics.Color)	4294299775 (0xFFFF5D07F)
YUV	209.8290, -40.8347, 30.8450
Hunter-Lab	81.2751, -1.5779, 35.4064

Details

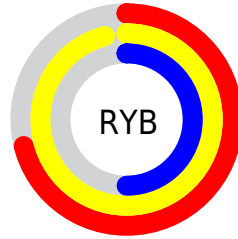
The XYZ color **64.0428, 66.0565, 29.4534** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.5088, 37.6541, 91.6243**, and the grayscale version is **61.3851, 64.5819, 70.3297**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **33.3536, 34.1978, 11.6804** is the 20% darker color. If you saturate the color by 10%, you get **60.8091, 61.8411, 21.4329**, and if you desaturate by 10%, it is **67.7587, 70.6148, 39.5512**.

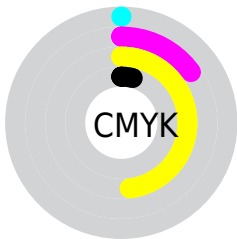
Distribution



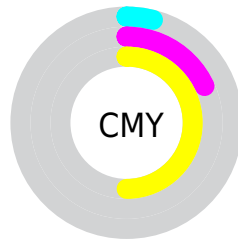
- Red (96%)
- Green (82%)
- Blue (50%)



- Red (71%)
- Yellow (96%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0428, 66.0565, 29.4534 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 64.0428, 66.0565, 29.4534 by changing the saturation by 10% instead.


 64.0428, 66.0565,
29.4534

 64.0428, 66.0565,
29.4534


428.9440,
446.5789, 313.4759


 46.9472, 48.3183,
19.1756


 109.7460,
113.5674, 59.8474

 33.2017, 34.0790,
11.6191


 139.0842,
144.1089, 80.8007

 22.4409, 22.9543,
6.3655


 173.2340,
179.6869, 106.1495

 14.2997, 14.5598,
2.9962

212.5607,
220.6859, 136.3124

 8.4125, 8.5110,
1.0927

257.4297,
267.4902, 171.7080

 4.4140, 4.4236,
0.0000

308.2063,

 1.9389, 1.9132,

320.4842, 212.7547

0.0000

365.2560,
380.0523, 259.8712

■ 0.5993, 0.5563,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0428, 66.0565,
29.4534

■ 64.0428, 66.0565,
29.4534

■ 60.8091, 61.8411,
21.4329

■ 67.7587, 70.6148,
39.5512

■ 58.0227, 57.9454,
15.3346

■ 71.9789, 75.5195,
51.8585

■ 55.6516, 54.3567,
10.9878

■ 76.7299, 80.7855,
66.5009

■ 53.6559, 51.0571,
8.1896

■ 82.0346, 86.4239,
83.5935

■ 51.9809, 48.0225,
6.6589

■ 87.9144, 92.4453,
103.2438

■ 51.6938, 47.4878,
6.4415

■ 91.1772, 97.5746,
108.6360

■ 91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



74.1922, 66.0565, 34.8425



64.0428, 66.0565, 29.4534



54.5584, 66.0565, 32.6811

Triad

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



64.0428, 66.0565, 29.4534



46.9263, 66.0565, 99.5231



80.3827, 66.0565, 107.4214

Complementary

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



64.0428, 66.0565, 29.4534



38.5088, 37.6541, 91.6243

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.



71.7989, 66.0565, 134.2374



64.0428, 66.0565, 29.4534



52.6109, 66.0565, 128.8845

Square

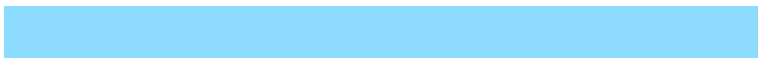
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0428, 66.0565, 29.4534



45.3198, 66.0565, 68.4041



61.5432, 66.0565, 142.9878



84.2432, 66.0565, 75.5632

Rectangle

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



64.0428, 66.0565, 29.4534



49.7544, 66.0565, 39.9239



61.5432, 66.0565, 142.9878



77.9119, 66.0565, 117.6227

Sweetspot

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



64.0444, 66.0596, 29.4547



86.3586, 90.9760, 80.2336



51.9799, 37.2854, 39.7537



18.2210, 19.1906, 16.3318



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.



64.0444, 66.0596, 29.4547



66.6094, 67.7441, 23.5028



67.0278, 82.5833, 32.4869



17.4509, 18.3859, 17.4266



27.9780, 25.8416, 3.5133



2.5506, 2.4545, 0.3393

Inverse Universe

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



38.5088, 37.6541, 91.6243



35.5934, 33.2880, 99.1570



36.3990, 28.1272, 89.8966



16.0050, 16.7744, 20.9368



10.4101, 6.6141, 47.2660



1.0030, 0.7574, 4.1836

Previews

White Background



This preview shows how the XYZ color 64.0428, 66.0565, 29.4534 looks on a white background.

Color Contrast Check

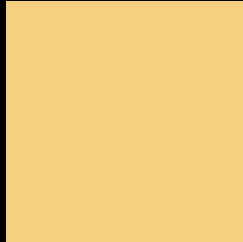
Large Text (above 18pt) WCAG AA × Fail

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 64.0428, 66.0565, 29.4534 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 64.0428, 66.0565, 29.4534

Background



This preview shows how black text looks on a background with the XYZ color 64.0428, 66.0565, 29.4534.



This preview shows how white text looks on a background with the XYZ color 64.0428, 66.0565,

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

64.0428, 66.0565, 29.4534

Protanopia

61.0354, 66.3293, 30.3548

Deuteranopia

67.2768, 66.2233, 32.5291



Tritanopia

72.7123, 66.0749, 71.8722

Trichromacy



Original Color

64.0428, 66.0565, 29.4534

Protanomaly

62.1156, 66.1516, 29.9168

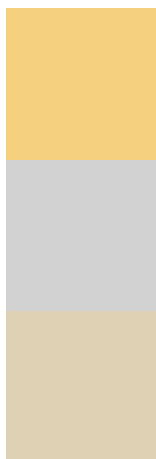
Deuteranomaly

65.8486, 65.8653, 31.4330

Tritanomaly

68.9884, 65.9425, 53.3481

Monochromacy



Original Color

64.0428, 66.0565, 29.4534

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4701, 64.5842, 52.4062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0428, 66.0565, 29.4534 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(245, 208, 127)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 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(245, 208, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 127) }
```

Border

The CSS property to change the border of an element to XYZ 64.0428, 66.0565, 29.4534 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(245, 208, 127) }
```


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

```
.border{ border-color:rgb(245, 208, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 208, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 127);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0428, 66.0565, 29.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 127) }
```

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

```
.background{ background-color: rgb(245,  
208, 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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