

Converting Colors

XYZ(68.9247, 70.8084, 29.1034)

Have a look what the booklet for
XYZ(68.9247, 70.8084, 29.1034)
contains.

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Color

**XYZ(68.9247, 70.8084,
29.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD67C
RGB	255, 214, 124
RGB Percent	100%, 84%, 49%
CMY	0.0000, 0.1608, 0.5137
CMYK	0.00, 0.16, 0.51, 0.00
HSL	41°, 100%, 74%
HSV	41°, 51%, 100%
XYZ	68.9247, 70.8084, 29.1034
YIQ	215.9990, 53.3260, -19.2980

Conversions

Conversions Part 2

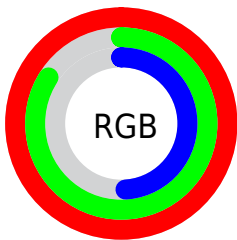
Format	Color
RYB	184, 255, 124
Decimal	16766588
CIELab	87.39, 3.55, 49.43
CIELCh	87, 49.557, 85.886
Yxy	70.8084, 0.4082, 0.4194
Android (android.graphics.Color)	4294956668 (0xFFFFD67C)
YUV	215.9990, -45.3555, 34.2039
Hunter-Lab	84.1477, -1.0507, 38.3973

Details

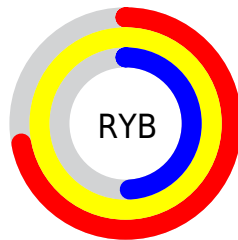
The XYZ color **68.9247, 70.8084, 29.1034** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.8168, 38.4139, 99.9236**, and the grayscale version is **65.5450, 68.9584, 75.0957**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **36.5055, 37.3453, 11.4152** is the 20% darker color. If you saturate the color by 10%, you get **65.5461, 66.3069, 21.0239**, and if you desaturate by 10%, it is **72.8226, 75.6813, 39.4143**.

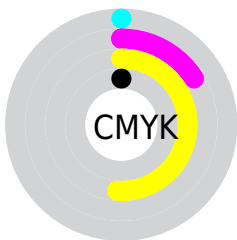
Distribution



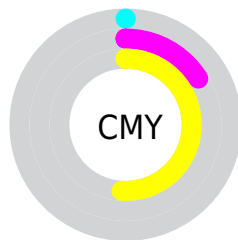
- Red (100%)
- Green (84%)
- Blue (49%)



- Red (72%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (51%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9247, 70.8084, 29.1034 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 68.9247, 70.8084, 29.1034 by changing the saturation by 10% instead.


 68.9247, 70.8084,
29.1034

 68.9247, 70.8084,
29.1034


446.0909,
463.3834, 311.7787


 50.9268, 52.1859,
18.9128


 116.7087,
120.3609, 59.2855

 36.3712, 37.1532,
11.4311


 147.2255,
152.0596, 80.1140

 24.8924, 25.3262,
6.2398


 182.6459,
188.8858, 105.3257

 16.1252, 16.3202,
2.9203

223.3354,
231.2239, 135.3389

 9.7042, 9.7510,
1.0541

269.6593,
279.4584, 170.5723

 5.2640, 5.2342,
0.0000

321.9830,

 2.4394, 2.3853,

333.9735, 211.4443

0.0000

380.6717,
395.1537, 258.3736

■ 0.8648, 0.8183,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9247, 70.8084,
29.1034

■ 68.9247, 70.8084,
29.1034

■ 65.5461, 66.3069,
21.0239

■ 72.8226, 75.6813,
39.4143

■ 62.6475, 62.1508,
14.9982

■ 77.2654, 80.9300,
52.1074

■ 60.1913, 58.3254,
10.8283

■ 82.2828, 86.5711,
67.3251

■ 58.1307, 54.8098,
8.2747

■ 87.9008, 92.6173,
85.1973

■ 56.6093, 51.9988,
7.0531

94.1436, 99.0802,
105.8450

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.



80.6947, 70.8084, 35.1752



68.9247, 70.8084, 29.1034



57.9672, 70.8084, 32.5118

Triad

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



68.9247, 70.8084, 29.1034



49.0556, 70.8084, 108.7163



87.6537, 70.8084, 119.0751

Complementary

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



68.9247, 70.8084, 29.1034



39.8168, 38.4139, 99.9236

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.



77.5871, 70.8084, 150.6217



68.9247, 70.8084, 29.1034



55.4784, 70.8084, 143.5278

Square

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



68.9247, 70.8084, 29.1034



47.2992, 70.8084, 72.5772



65.7035, 70.8084, 160.6607



92.2710, 70.8084, 81.8034

Rectangle

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



68.9247, 70.8084, 29.1034



52.4344, 70.8084, 40.4424



65.7035, 70.8084, 160.6607



84.7421, 70.8084, 131.0769

Sweetspot

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



68.9264, 70.8118, 29.1048



85.7916, 90.3761, 78.3979



55.2836, 38.4102, 40.3293



18.1086, 19.0708, 15.9703



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.



68.9264, 70.8118, 29.1048



65.3503, 66.0358, 20.5867



72.3478, 89.9613, 32.6207



19.0536, 20.0754, 19.0150



29.7192, 27.4496, 3.7319



2.9914, 2.8682, 0.3959

Inverse Universe

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



39.8168, 38.4139, 99.9236



33.3058, 30.4293, 98.7258



37.4740, 27.9335, 98.0241



17.4667, 18.3051, 22.8626



11.0394, 6.9884, 50.2016



1.1676, 0.8659, 4.9189

Previews

White Background



This preview shows how the XYZ color 68.9247, 70.8084, 29.1034 looks on a white background.

Color Contrast Check

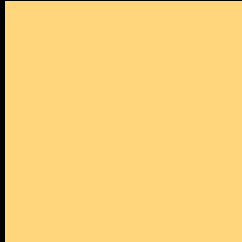
Large Text (above 18pt) WCAG AA × Fail

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 68.9247, 70.8084, 29.1034 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 68.9247, 70.8084, 29.1034

Background



This preview shows how black text looks on a background with the XYZ color 68.9247, 70.8084, 29.1034.



This preview shows how white text looks on a background with the XYZ color 68.9247, 70.8084,

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

68.9247, 70.8084, 29.1034

Protanopia

65.0326, 70.6947, 29.9565

Deuteranopia

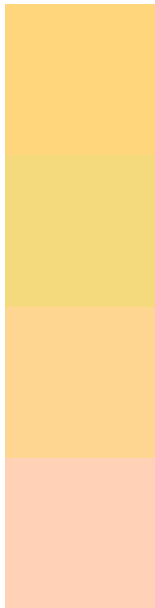
70.9550, 70.8156, 42.2768



Tritanopia

76.3390, 71.0001, 76.6987

Trichromacy



Original Color

68.9247, 70.8084, 29.1034

Protanomaly

66.1707, 70.5189, 29.5260

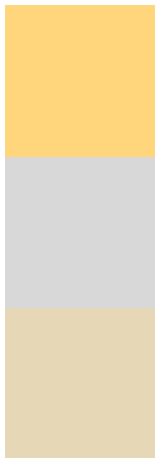
Deuteranomaly

70.2226, 70.9238, 37.1827

Tritanomaly

72.9383, 70.8139, 55.1716

Monochromacy



Original Color

68.9247, 70.8084, 29.1034

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.4808, 68.8428, 54.6365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9247, 70.8084, 29.1034 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, 214, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 124)  
}
```

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, 214, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 124) }
```

Border

The CSS property to change the border of an element to XYZ 68.9247, 70.8084, 29.1034 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, 214, 124) }
```


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

```
.border{ border-color:rgb(255, 214, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9247, 70.8084, 29.1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 124) }
```

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

```
.background{ background-color: rgb(255,  
214, 124) }
```

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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