

Converting Colors

XYZ(68.7192, 72.9911, 29.8688)

Have a look what the booklet for
XYZ(68.7192, 72.9911, 29.8688)
contains.

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Color

**XYZ(68.7192, 72.9911,
29.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	FADC7D
RGB	250, 220, 125
RGB Percent	98%, 86%, 49%
CMY	0.0196, 0.1372, 0.5098
CMYK	0.00, 0.12, 0.50, 0.02
HSL	46°, 93%, 74%
HSV	46°, 50%, 98%
XYZ	68.7192, 72.9911, 29.8688
YIQ	218.1400, 48.3750, -23.1850

Conversions

Conversions Part 2

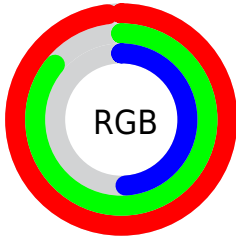
Format	Color
RYB	164, 250, 125
Decimal	16440445
CIELab	88.44, -1.42, 50.12
CIELCh	88, 50.143, 91.628
Yxy	72.9911, 0.4005, 0.4254
Android (android.graphics.Color)	4294630525 (0xFFFA7C7D)
YUV	218.1400, -45.9180, 27.9412
Hunter-Lab	85.4348, -5.9351, 39.0761

Details

The XYZ color **68.7192, 72.9911, 29.8688** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.4337, 34.7035, 95.1676**, and the grayscale version is **67.0223, 70.5127, 76.7883**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **36.1436, 38.4677, 11.8234** is the 20% darker color. If you saturate the color by 10%, you get **65.7731, 69.3412, 21.9748**, and if you desaturate by 10%, it is **72.1272, 76.9216, 39.9011**.

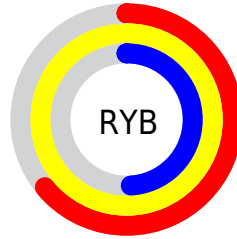
Distribution



Red (98%)

Green (86%)

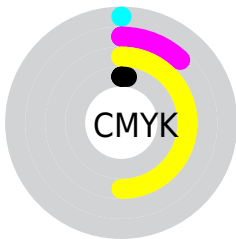
Blue (49%)



Red (64%)

Yellow (98%)

Blue (49%)

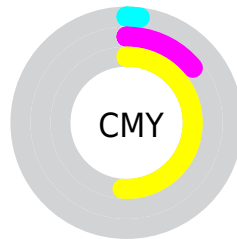


Cyan (0%)

Magenta (12%)

Yellow (50%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7192, 72.9911, 29.8688 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 68.7192, 72.9911, 29.8688 by changing the saturation by 10% instead.


 68.7192, 72.9911,
29.8688

 68.7192, 72.9911,
29.8688


445.3769,
470.9840, 315.4807


 50.7589, 53.9687,
19.4878


 116.4167,
123.4646, 60.5132

 36.2370, 38.5766,
11.8429


 146.8846,
155.6844, 81.6137

 24.7883, 26.4305,
6.5156


 182.2523,
193.0722, 107.1244

 16.0473, 17.1460,
3.0872

222.8853,
236.0123, 137.4639

 9.6487, 10.3386,
1.1393

269.1489,
284.8892, 173.0508

 5.2271, 5.6241,
0.0000

321.4085,

 2.4172, 2.6179,

340.0871, 214.3035

0.0000

380.0293,
401.9906, 261.6406

■ 0.8537, 0.9357,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7192, 72.9911,
29.8688

■ 68.7192, 72.9911,
29.8688

■ 65.7731, 69.3412,
21.9748

■ 72.1272, 76.9216,
39.9011

■ 63.2524, 65.9482,
16.0526

■ 76.0200, 81.1347,
52.2126

■ 61.1230, 62.8002,
11.9180

■ 80.4251, 85.6449,
66.9373

■ 59.3423, 59.8793,
9.3500

■ 85.3663, 90.4626,
84.1976

■ 57.8405, 57.1565,
7.9839

■ 90.8655, 95.5975,
104.1075

■ 57.8403, 57.1562,
7.9837

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



80.9850, 72.9911, 34.2021



68.7192, 72.9911, 29.8688



57.9153, 72.9911, 35.2887

Triad

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



68.7192, 72.9911, 29.8688



51.4500, 72.9911, 119.6224



91.8376, 72.9911, 115.3819

Complementary

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



68.7192, 72.9911, 29.8688



37.4337, 34.7035, 95.1676

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.



82.2565, 72.9911, 150.4674



68.7192, 72.9911, 29.8688



58.9328, 72.9911, 153.3731

Square

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



68.7192, 72.9911, 29.8688



48.6875, 72.9911, 81.3764



70.0367, 72.9911, 166.0255



95.2241, 72.9911, 77.6032

Rectangle

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



68.7192, 72.9911, 29.8688



52.7421, 72.9911, 44.9753



70.0367, 72.9911, 166.0255



89.1838, 72.9911, 128.2223

Sweetspot

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



68.7210, 72.9945, 29.8703



86.6335, 92.0600, 78.6786



52.7802, 37.4006, 36.0016



18.3125, 19.4786, 16.0382



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.



68.7210, 72.9945, 29.8703



68.7844, 72.5115, 22.9412



67.0256, 84.8730, 32.2524



18.3538, 19.4435, 18.2480



30.7978, 30.5522, 4.2740



2.9340, 2.9929, 0.4231

Inverse Universe

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



37.4337, 34.7035, 95.1676



32.7205, 28.4268, 98.3701



38.3483, 28.6631, 93.9535



16.6212, 17.3191, 21.8522



10.1018, 5.5592, 48.5142



1.0141, 0.6719, 4.5194

Previews

White Background



This preview shows how the XYZ color 68.7192, 72.9911, 29.8688 looks on a white background.

Color Contrast Check

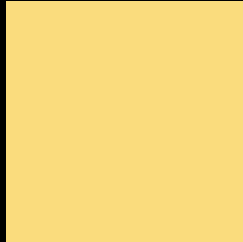
Large Text (above 18pt) WCAG AA × Fail

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 68.7192, 72.9911, 29.8688 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 68.7192, 72.9911, 29.8688

Background



This preview shows how black text looks on a background with the XYZ color 68.7192, 72.9911, 29.8688.



This preview shows how white text looks on a background with the XYZ color 68.7192, 72.9911,

29.8688.

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

68.7192, 72.9911, 29.8688

Protanopia

67.1954, 72.9820, 30.2840

Deuteranopia

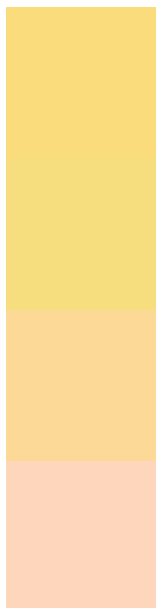
72.6083, 72.6880, 47.2491



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

68.7192, 72.9911, 29.8688

Protanomaly

67.6284, 72.8121, 30.2284

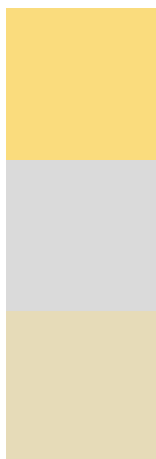
Deuteranomaly

70.9884, 72.7754, 40.0113

Tritanomaly

73.6317, 72.6066, 57.7106

Monochromacy



Original Color

68.7192, 72.9911, 29.8688

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6164, 70.9467, 55.5304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7192, 72.9911, 29.8688 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(250, 220, 125)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 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(250, 220, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 125) }
```

Border

The CSS property to change the border of an element to XYZ 68.7192, 72.9911, 29.8688 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(250, 220, 125) }
```


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

```
.border{ border-color:rgb(250, 220, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 220, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7192, 72.9911, 29.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 125) }
```

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

```
.background{ background-color: rgb(250,  
220, 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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