

Converting Colors

XYZ(68.0548, 72.7253, 26.3701)

Have a look what the booklet for
XYZ(68.0548, 72.7253, 26.3701)
contains.

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Color

**XYZ(68.0548, 72.7253,
26.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	FADC72
RGB	250, 220, 114
RGB Percent	98%, 86%, 45%
CMY	0.0196, 0.1372, 0.5529
CMYK	0.00, 0.12, 0.54, 0.02
HSL	47°, 93%, 71%
HSV	47°, 54%, 98%
XYZ	68.0548, 72.7253, 26.3701
YIQ	216.8860, 51.9060, -26.6060

Conversions

Conversions Part 2

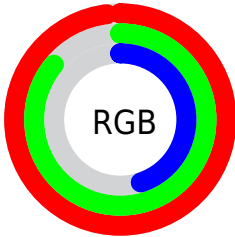
Format	Color
RYB	152, 250, 114
Decimal	16440434
CIELab	88.32, -2.33, 55.19
CIELCh	88, 55.239, 92.416
Yxy	72.7253, 0.4071, 0.4351
Android (android.graphics.Color)	4294630514 (0xFFFADC72)
YUV	216.8860, -50.7228, 29.0410
Hunter-Lab	85.2791, -6.7912, 41.3617

Details

The XYZ color **68.0548, 72.7253, 26.3701** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.1677, 30.4250, 94.5139**, and the grayscale version is **66.1885, 69.6355, 75.8330**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **35.7833, 38.3236, 9.9261** is the 20% darker color. If you saturate the color by 10%, you get **65.3990, 69.3883, 19.3983**, and if you desaturate by 10%, it is **71.1506, 76.3202, 35.4085**.

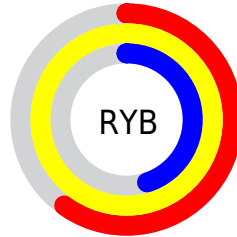
Distribution



Red (98%)

Green (86%)

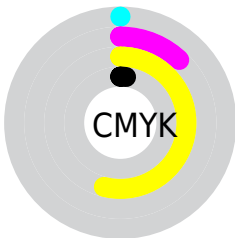
Blue (45%)



Red (60%)

Yellow (98%)

Blue (45%)

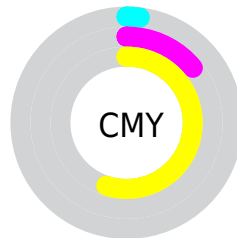


Cyan (0%)

Magenta (12%)

Yellow (54%)

Black (2%)



Cyan (2%)

Magenta (14%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0548, 72.7253, 26.3701 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 68.0548, 72.7253, 26.3701 by changing the saturation by 10% instead.

68.0548, 72.7253,
26.3701

68.0548, 72.7253,
26.3701

443.0638,
470.0622, 298.2573

50.2162, 53.7514,
16.8725

115.4720,
123.0872, 54.8628

35.8037, 38.4029,
9.9826

145.7813,
155.2439, 74.6950

24.4520, 26.2956,
5.2820

180.9782,
192.5637, 98.8090

15.7958, 17.0449,
2.3520

221.4280,
235.4309, 127.6236

9.4697, 10.2665,
0.7601

267.4961,
284.2300, 161.5571

5.1084, 5.5760,
0.0000

319.5479,

2.3464, 2.5890,

339.3453, 201.0283

0.0000

377.9487,
401.1612, 246.4554

■ 0.8182, 0.9212,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0548, 72.7253,
26.3701

■ 68.0548, 72.7253,
26.3701

■ 65.3990, 69.3883,
19.3983

■ 71.1506, 76.3202,
35.4085

■ 63.1451, 66.2850,
14.3171


■ 74.7106, 80.1750,
46.6610


■ 61.2566, 63.4027,
10.9291


■ 78.7630, 84.3046,
60.2669


■ 59.6867, 60.7220,
8.9903

■ 83.3323, 88.7195,
76.3527

 58.9088, 59.2933,
8.3399

 88.4412, 93.4294,
95.0358

 92.6272, 97.8499,
108.6127

 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.



81.6035, 72.7253, 30.5242



68.0548, 72.7253, 26.3701



56.3462, 72.7253, 32.1825

Triad

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



68.0548, 72.7253, 26.3701



49.7703, 72.7253, 125.0901



94.2513, 72.7253, 118.0023

Complementary

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



68.0548, 72.7253, 26.3701



34.1677, 30.4250, 94.5139

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.



83.6990, 72.7253, 158.1268



68.0548, 72.7253, 26.3701



57.9850, 72.7253, 163.0546

Square

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



68.0548, 72.7253, 26.3701



46.6664, 72.7253, 82.3012



70.2028, 72.7253, 176.7385



97.8285, 72.7253, 76.1494

Rectangle

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



68.0548, 72.7253, 26.3701



50.8363, 72.7253, 42.5005



70.2028, 72.7253, 176.7385



91.3411, 72.7253, 132.5427

Sweetspot

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



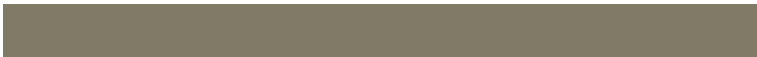
68.0565, 72.7287, 26.3716



86.3595, 92.0379, 76.9658



50.6096, 34.4263, 31.0639



18.2679, 19.4931, 15.7042



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.



68.0565, 72.7287, 26.3716



68.2407, 72.3595, 19.8764



64.8768, 83.8420, 28.6842



18.3836, 19.5031, 18.2579



31.3587, 31.6740, 4.4609



2.9816, 3.0881, 0.4389

Inverse Universe

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



34.1677, 30.4250, 94.5139



29.6298, 24.2281, 97.7226



35.9001, 25.4470, 93.4617



16.5934, 17.2636, 21.8429



9.9672, 5.2899, 48.4693



0.9981, 0.6398, 4.5141

Previews

White Background



This preview shows how the XYZ color 68.0548, 72.7253, 26.3701 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 68.0548, 72.7253, 26.3701 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 68.0548, 72.7253, 26.3701

Background



This preview shows how black text looks on a background with the XYZ color 68.0548, 72.7253, 26.3701.



This preview shows how white text looks on a background with the XYZ color 68.0548, 72.7253,

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

68.0548, 72.7253, 26.3701

Protanopia

66.8720, 72.8928, 26.7648

Deuteranopia

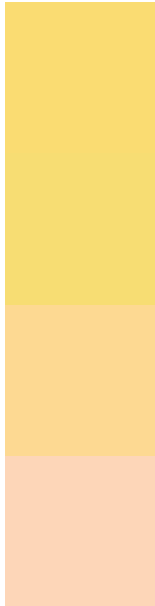
72.2413, 72.5412, 45.3163



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

68.0548, 72.7253, 26.3701

Protanomaly

67.3087, 72.7249, 26.7094

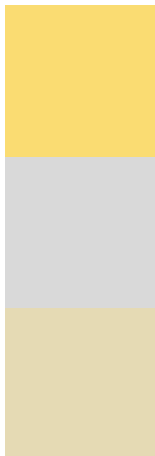
Deuteranomaly

70.5092, 72.5837, 37.4879

Tritanomaly

73.2063, 72.4365, 55.4706

Monochromacy



Original Color

68.0548, 72.7253, 26.3701

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6227, 70.0961, 53.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0548, 72.7253, 26.3701 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 114) }
```

Border

The CSS property to change the border of an element to XYZ 68.0548, 72.7253, 26.3701 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, 114) }
```


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

```
.border{ border-color:rgb(250, 220, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 114);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0548, 72.7253, 26.3701 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, 114) }
```

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

```
.background{ background-color: rgb(250,  
220, 114) }
```

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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