

Converting Colors

XYZ(69.6058, 72.9186, 27.0243)

Have a look what the booklet for
XYZ(69.6058, 72.9186, 27.0243)
contains.

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Color

**XYZ(69.4638, 72.6638,
26.8874)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDA74
RGB	255, 218, 116
RGB Percent	100%, 85%, 45%
CMY	0.0000, 0.1451, 0.5451
CMYK	0.00, 0.15, 0.55, 0.00
HSL	44°, 100%, 73%
HSV	44°, 55%, 100%
XYZ	69.4638, 72.6638, 26.8874
YIQ	217.4350, 54.7940, -23.8780

Conversions

Conversions Part 2

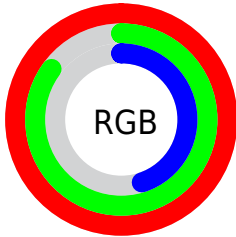
Format	Color
R _Y B	166, 255, 116
Decimal	16767604
CIE Lab	88.29, 0.86, 54.33
CIE LCh	88, 54.337, 89.089
Yxy	72.6638, 0.4110, 0.4299
Android (android.graphics.Color)	4294957684 (0xFFFFDA74)
YUV	217.4350, -50.0075, 32.9445
Hunter-Lab	85.2431, -3.7173, 40.9689

Details

The XYZ color **69.4638, 72.6638, 26.8874** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.6433, 33.7142, 99.1835**, and the grayscale version is **66.5599, 70.0262, 76.2586**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **36.7876, 38.3003, 10.3043** is the 20% darker color. If you saturate the color by 10%, you get **66.4558, 68.7047, 19.5442**, and if you desaturate by 10%, it is **72.9544, 76.9368, 36.4011**.

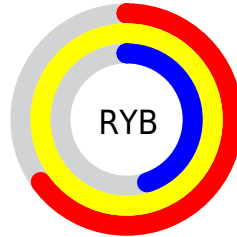
Distribution



Red (100%)

Green (85%)

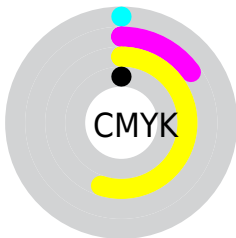
Blue (45%)



Red (65%)

Yellow (100%)

Blue (45%)

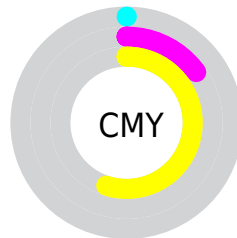


Cyan (0%)

Magenta (15%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4638, 72.6638, 26.8874 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 69.4638, 72.6638, 26.8874 by changing the saturation by 10% instead.

69.4638, 72.6638,
26.8874

69.4638, 72.6638,
26.8874

447.9609,
469.8488, 300.8544

51.3675, 53.7011,
17.2570

117.4742,
122.9998, 55.7047

36.7234, 38.3628,
10.2540

148.1191,
155.1419, 75.7286

25.1661, 26.2644,
5.4599

183.6775,
192.4459, 100.0541

16.3302, 17.0215,
2.4561

224.5149,
235.2963, 129.0998

9.8505, 10.2498,
0.8168

270.9966,
284.0774, 163.2841

5.3614, 5.5649,
0.0000

323.4879,

2.4978, 2.5824,

339.1735, 203.0256

0.0000

382.3542,
400.9692, 248.7429

■ 0.8941, 0.9178,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4638, 72.6638,
26.8874

■ 69.4638, 72.6638,
26.8874

■ 66.4558, 68.7047,
19.5442

■ 72.9544, 76.9368,
36.4011

■ 63.8901, 65.0337,
14.1869

■ 76.9536, 81.5271,
48.2410

■ 61.7279, 61.6367,
10.6071

■ 81.4914, 86.4507,
62.5534

■ 59.9195, 58.4924,
8.5476

■ 86.5938, 91.7195,
79.4712

■ 59.0385, 56.8573,
7.8629

■ 92.2850, 97.3443,
99.1180

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



82.7462, 72.6638, 32.1552



69.4638, 72.6638, 26.8874



57.5901, 72.6638, 31.5334

Triad

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



69.4638, 72.6638, 26.8874



49.4089, 72.6638, 119.3644



92.8584, 72.6638, 121.9820

Complementary

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



69.4638, 72.6638, 26.8874



36.6433, 33.7142, 99.1835

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.



81.9705, 72.6638, 159.8091



69.4638, 72.6638, 26.8874



56.9811, 72.6638, 157.9934

Square

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



69.4638, 72.6638, 26.8874



46.9273, 72.6638, 77.9834



68.6673, 72.6638, 174.6906



97.2556, 72.6638, 80.2646

Rectangle

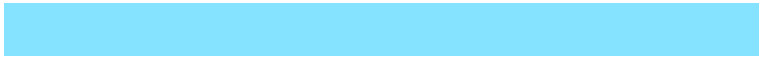
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4638, 72.6638, 26.8874



51.8137, 72.6638, 40.8278



68.6673, 72.6638, 174.6906



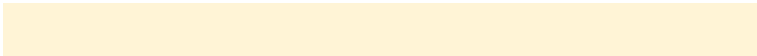
89.7739, 72.6638, 136.0020

Sweetspot

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



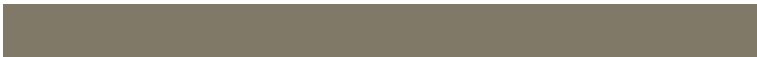
69.4655, 72.6673, 26.8889



85.7964, 90.9118, 76.7781



53.2410, 36.0536, 34.3197



18.1329, 19.2229, 15.6591



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.



69.4655, 72.6673, 26.8889



66.3199, 68.5179, 19.2362



69.2106, 88.4000, 29.9390



19.1282, 20.2246, 19.0399



30.9782, 29.9676, 4.1516



3.1060, 3.0974, 0.4342

Inverse Universe

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



36.6433, 33.7142, 99.1835



30.6312, 26.2308, 98.0564



36.5873, 26.0480, 97.7067



17.3962, 18.1639, 22.8391



10.6110, 6.1315, 50.0588



1.1182, 0.7672, 4.9024

Previews

White Background



This preview shows how the XYZ color 69.4638, 72.6638, 26.8874 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 69.4638, 72.6638, 26.8874 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 69.4638, 72.6638, 26.8874

Background



This preview shows how black text looks on a background with the XYZ color 69.4638, 72.6638, 26.8874.



This preview shows how white text looks on a background with the XYZ color 69.4638, 72.6638,

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

69.4638, 72.6638, 26.8874

Protanopia

66.6404, 72.7600, 27.3614

Deuteranopia

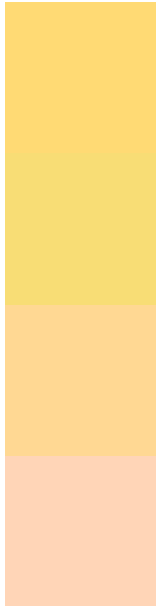
72.3320, 72.5775, 45.7939



Tritanopia

77.4714, 72.6271, 79.0425

Trichromacy



Original Color

69.4638, 72.6638, 26.8874

Protanomaly

67.7787, 72.9537, 27.3388

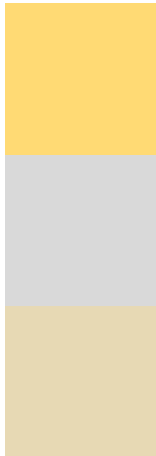
Deuteranomaly

71.0623, 72.4783, 37.8481

Tritanomaly

73.5815, 72.2674, 54.8706

Monochromacy



Original Color

69.4638, 72.6638, 26.8874

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0061, 69.9099, 53.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4638, 72.6638, 26.8874 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, 218, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 116)  
}
```

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, 218, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 116) }
```

Border

The CSS property to change the border of an element to XYZ 69.4638, 72.6638, 26.8874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

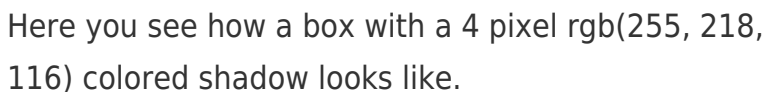
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 218, 116) }
```


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

```
.border{ border-color:rgb(255, 218, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 218, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 116); box-shadow:4px 4px 4px 4px rgb(255, 218, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4638, 72.6638, 26.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 116) }
```

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

```
.background{ background-color: rgb(255,  
218, 116) }
```

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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