

Converting Colors

XYZ(66.7288, 72.8760, 24.1852)

Have a look what the booklet for
XYZ(66.7288, 72.8760, 24.1852)
contains.

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Color

**XYZ(66.7288, 72.8760,
24.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DE6A
RGB	246, 222, 106
RGB Percent	96%, 87%, 42%
CMY	0.0353, 0.1294, 0.5843
CMYK	0.00, 0.10, 0.57, 0.04
HSL	50°, 89%, 69%
HSV	50°, 57%, 96%
XYZ	66.7288, 72.8760, 24.1852
YIQ	215.9520, 51.5400, -30.9880

Conversions

Conversions Part 2

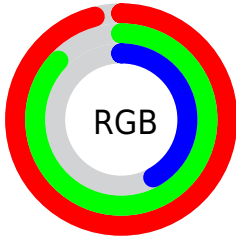
Format	Color
R _Y B	135, 246, 106
Decimal	16178794
CIE Lab	88.39, -5.56, 58.86
CIE LCh	88, 59.120, 95.400
Yxy	72.8760, 0.4074, 0.4449
Android (android.graphics.Color)	4294368874 (0xFFFF6DE6A)
YUV	215.9520, -54.2063, 26.3521
Hunter-Lab	85.3674, -9.8657, 42.9599

Details

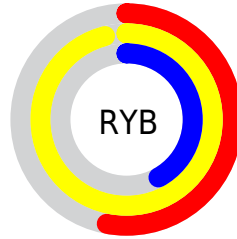
The XYZ color **66.7288, 72.8760, 24.1852** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.5609, 25.6824, 90.5347**, and the grayscale version is **65.5723, 68.9871, 75.1270**.

A 20% lighter version of the original color is **83.3452, 95.3181, 47.2632**, and **34.9321, 38.4502, 8.8293** is the 20% darker color. If you saturate the color by 10%, you get **64.5233, 70.2271, 18.0186**, and if you desaturate by 10%, it is **69.3326, 75.7345, 32.2961**.

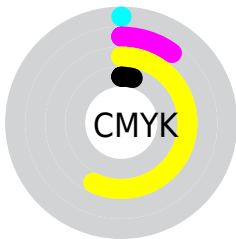
Distribution



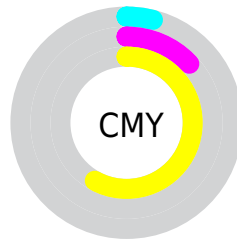
- Red (96%)
- Green (87%)
- Blue (42%)



- Red (53%)
- Yellow (96%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7288, 72.8760, 24.1852 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 66.7288, 72.8760, 24.1852 by changing the saturation by 10% instead.

66.7288, 72.8760,
24.1852

66.7288, 72.8760,
24.1852

438.4265,
470.5849, 287.0721

49.1342, 53.8746,
15.2576

113.5837,
123.3012, 51.2799

34.9409, 38.5014,
8.8517

143.5746,
155.4937, 70.2840

23.7836, 26.3721,
4.5491

178.4283,
192.8520, 93.4841

15.2971, 17.1022,
1.9312

218.5102,
235.7606, 121.2986

9.1158, 10.3074,
0.5125

264.1856,
284.6038, 154.1461

4.8745, 5.6032,
0.0000

315.8199,

2.2078, 2.6054,

339.7660, 192.4452

0.0000

373.7784,
401.6316, 236.6143

■ 0.7469, 0.9294,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7288, 72.8760,
24.1852

■ 66.7288, 72.8760,
24.1852

■ 64.5233, 70.2271,
18.0186

■ 69.3326, 75.7345,
32.2961

■ 62.6785, 67.7642,
13.6216


■ 72.3583, 78.8041,
42.4970


■ 61.1578, 65.4752,
10.7957


■ 75.8335, 82.0990,
54.9249

■ 59.9129, 63.3403,
9.2865


■ 79.7819, 85.6289,
69.7037

 59.5605, 62.7022,
8.9636

 84.2256, 89.4030,
86.9484

 89.1850, 93.4297,
106.7662

 90.7152, 96.1314,
108.3818

 91.8158, 98.3327,
108.7486

Harmonies

Analogous

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



81.2653, 72.8760, 27.3731



66.7288, 72.8760, 24.1852



54.6237, 72.8760, 31.1543

Triad

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



66.7288, 72.8760, 24.1852



49.3094, 72.8760, 133.8110



97.1751, 72.8760, 116.5545

Complementary

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



66.7288, 72.8760, 24.1852



30.5609, 25.6824, 90.5347

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.



86.3168, 72.8760, 161.6771



66.7288, 72.8760, 24.1852



58.5109, 72.8760, 173.7939

Square

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



66.7288, 72.8760, 24.1852



45.4852, 72.8760, 86.9376



71.8676, 72.8760, 185.4290



100.1590, 72.8760, 72.2164

Rectangle

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



66.7288, 72.8760, 24.1852



49.1354, 72.8760, 42.7145



71.8676, 72.8760, 185.4290



94.2587, 72.8760, 132.5489

Sweetspot

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



66.7305, 72.8794, 24.1867



86.5151, 92.8669, 75.4214



47.3025, 31.5584, 25.3096



18.3244, 19.7080, 15.4086



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.



66.7305, 72.8794, 24.1867



69.7494, 75.8664, 18.8706



59.8245, 79.4620, 25.8212



17.6589, 18.8019, 17.4960



31.8826, 33.6508, 4.8149



2.8645, 3.0823, 0.4440

Inverse Universe

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



30.5609, 25.6824, 90.5347



27.2141, 20.4343, 97.1176



34.4284, 23.4785, 89.9055



15.8107, 16.3856, 20.8720



9.3928, 4.5793, 46.9269



0.8895, 0.5303, 4.1457

Previews

White Background



This preview shows how the XYZ color 66.7288, 72.8760, 24.1852 looks on a white background.

Color Contrast Check

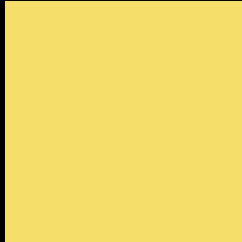
Large Text (above 18pt) WCAG AA × Fail

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 66.7288, 72.8760, 24.1852 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 66.7288, 72.8760, 24.1852

Background



This preview shows how black text looks on a background with the XYZ color 66.7288, 72.8760, 24.1852.



This preview shows how white text looks on a background with the XYZ color 66.7288, 72.8760,

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

66.7288, 72.8760, 24.1852

Protanopia

66.7288, 72.8760, 24.1852

Deuteranopia

72.2413, 72.5412, 45.3163



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

66.7288, 72.8760, 24.1852

Protanomaly

66.7288, 72.8760, 24.1852

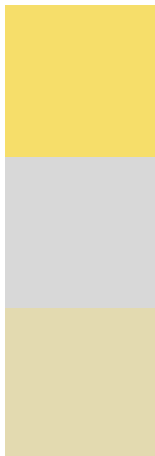
Deuteranomaly

70.1742, 72.8214, 36.3440

Tritanomaly

72.6349, 72.1660, 54.3571

Monochromacy



Original Color

66.7288, 72.8760, 24.1852

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.5864, 69.6083, 51.1060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7288, 72.8760, 24.1852 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(246, 222, 106)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 106)  
}
```

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(246, 222, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 106) }
```

Border

The CSS property to change the border of an element to XYZ 66.7288, 72.8760, 24.1852 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(246, 222, 106) }
```


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

```
.border{ border-color:rgb(246, 222, 106) }
```

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

Here you see how a box with a 4 pixel rgb(246, 222, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 106);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7288, 72.8760, 24.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 106) }
```

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

```
.background{ background-color: rgb(246,  
222, 106) }
```

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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