

Converting Colors

XYZ(66.1335, 71.1502, 26.6229)

Have a look what the booklet for
XYZ(66.1335, 71.1502, 26.6229)
contains.

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Color

**XYZ(66.1401, 71.3365,
26.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DB74
RGB	245, 219, 116
RGB Percent	96%, 86%, 45%
CMY	0.0392, 0.1412, 0.5451
CMYK	0.00, 0.11, 0.53, 0.04
HSL	48°, 87%, 71%
HSV	48°, 53%, 96%
XYZ	66.1401, 71.3365, 26.8064
YIQ	215.0320, 48.5590, -26.5210

Conversions

Conversions Part 2

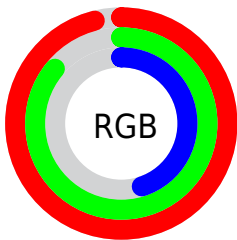
Format	Color
RYB	149, 245, 116
Decimal	16112500
CIELab	87.65, -3.68, 53.35
CIELCh	88, 53.481, 93.949
Yxy	71.3365, 0.4026, 0.4342
Android (android.graphics.Color)	4294302580 (0xFFFF5DB74)
YUV	215.0320, -48.8228, 26.2819
Hunter-Lab	84.4609, -8.0260, 40.3051

Details

The XYZ color **66.1401, 71.3365, 26.8064** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.3566, 29.6506, 90.3509**, and the grayscale version is **64.9118, 68.2923, 74.3703**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **34.4506, 37.3602, 10.2460** is the 20% darker color. If you saturate the color by 10%, you get **63.6304, 68.3049, 19.8422**, and if you desaturate by 10%, it is **69.0673, 74.6016, 35.7652**.

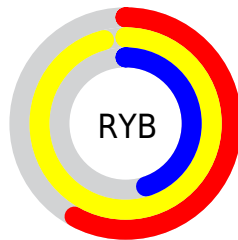
Distribution



Red (96%)

Green (86%)

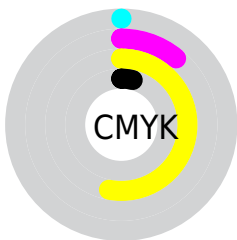
Blue (45%)



Red (58%)

Yellow (96%)

Blue (45%)

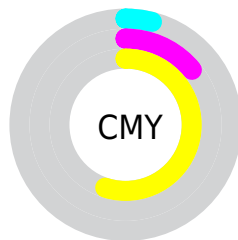


Cyan (0%)

Magenta (11%)

Yellow (53%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1401, 71.3365, 26.8064 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 66.1401, 71.3365, 26.8064 by changing the saturation by 10% instead.

66.1401, 71.3365,
26.8064

66.1401, 71.3365,
26.8064

436.3585,
465.2289, 300.4490

48.6543, 52.6169,
17.1967

112.7440,
121.1127, 55.5730

34.5587, 37.4970,
10.2114

142.5928,
152.9381, 75.5670

23.4881, 25.5925,
5.4319

177.2933,
189.9009, 99.8595

15.0770, 16.5191,
2.4397

217.2108,
232.3854, 128.8691

8.9601, 9.8922,
0.8079

262.7107,
280.7760, 163.0143

4.7721, 5.3275,
0.0000

314.1584,

2.1475, 2.4407,

335.4572, 202.7137

0.0000

371.9192,
396.8134, 248.3857

■ 0.7149, 0.8467,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1401, 71.3365,
26.8064

■ 66.1401, 71.3365,
26.8064

■ 63.6304, 68.3049,
19.8422

■ 69.0673, 74.6016,
35.7652

■ 61.5023, 65.4839,
14.7088


■ 72.4340, 78.1014,
46.8561


■ 59.7225, 62.8622,
11.2239

■ 76.2667, 81.8498,
60.2097


■ 58.2484, 60.4224,
9.1651


■ 80.5884, 85.8564,
75.9447

 57.3130, 58.7263,
8.3146

 85.4202, 90.1303,
94.1715

 89.4666, 94.1535,
108.0658

 91.0096, 97.2396,
108.5801

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



79.0691, 71.3365, 30.3571



66.1401, 71.3365, 26.8064



55.0937, 71.3365, 32.9973

Triad

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



66.1401, 71.3365, 26.8064



49.5434, 71.3365, 123.4893



92.1164, 71.3365, 112.5015

Complementary

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



66.1401, 71.3365, 26.8064



33.3566, 29.6506, 90.3509

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.



82.3309, 71.3365, 151.0723



66.1401, 71.3365, 26.8064



57.6617, 71.3365, 158.6795

Square

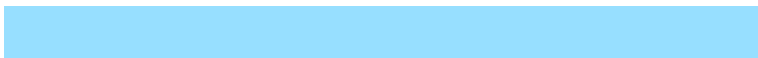
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1401, 71.3365, 26.8064



46.2966, 71.3365, 82.5755



69.4940, 71.3365, 170.0829



95.1120, 71.3365, 72.9691

Rectangle

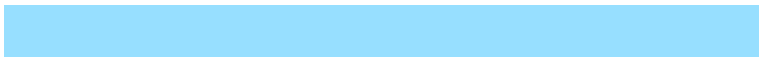
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1401, 71.3365, 26.8064



49.9603, 71.3365, 43.4367



69.4940, 71.3365, 170.0829



89.4568, 71.3365, 126.3664

Sweetspot

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



66.1418, 71.3399, 26.8078



86.5963, 92.5115, 77.0447



48.9322, 33.9160, 30.3339



18.3248, 19.6068, 15.7231



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.



66.1418, 71.3399, 26.8078



69.5647, 74.6516, 21.4150



61.9441, 80.0409, 28.7086



17.6145, 18.7131, 17.4812



30.9768, 31.8392, 4.5129



2.7928, 2.9388, 0.4200

Inverse Universe

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



33.3566, 29.6506, 90.3509



30.2555, 24.7251, 97.7855



35.7796, 25.8128, 89.4824



15.8516, 16.4674, 20.8856



9.5564, 4.9066, 46.9814



0.9096, 0.5707, 4.1524

Previews

White Background



This preview shows how the XYZ color 66.1401, 71.3365, 26.8064 looks on a white background.

Color Contrast Check

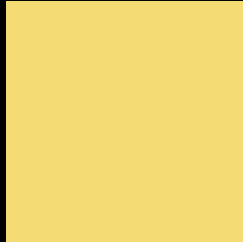
Large Text (above 18pt) WCAG AA × Fail

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 66.1401, 71.3365, 26.8064 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 66.1401, 71.3365, 26.8064

Background



This preview shows how black text looks on a background with the XYZ color 66.1401, 71.3365, 26.8064.

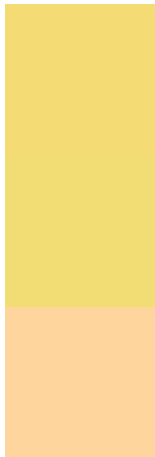


This preview shows how white text looks on a background with the XYZ color 66.1401, 71.3365,

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

66.1401, 71.3365, 26.8064

Protanopia

65.3635, 71.3246, 26.8450

Deuteranopia

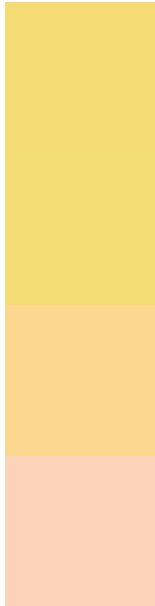
71.2058, 71.3171, 42.3604



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

66.1401, 71.3365, 26.8064

Protanomaly

65.7077, 71.5020, 26.8611

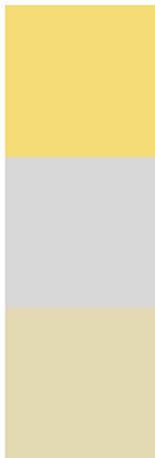
Deuteranomaly

69.0420, 71.0933, 36.0701

Tritanomaly

71.7297, 70.5585, 55.1860

Monochromacy



Original Color

66.1401, 71.3365, 26.8064

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.0566, 68.5352, 52.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1401, 71.3365, 26.8064 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(245, 219, 116)` looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 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(245, 219, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 116) }
```

Border

The CSS property to change the border of an element to XYZ 66.1401, 71.3365, 26.8064 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(245, 219, 116) }
```


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

```
.border{ border-color:rgb(245, 219, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 219, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 219, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 219, 116);  
box-shadow:4px 4px 4px 4px rgb(245, 219,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1401, 71.3365, 26.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 116) }
```

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

```
.background{ background-color: rgb(245,  
219, 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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