

Converting Colors

XYZ(65.8196, 71.5891, 26.0430)

Have a look what the booklet for
XYZ(65.8196, 71.5891, 26.0430)
contains.

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Color

**XYZ(65.8821, 71.6118,
25.9729)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DC71
RGB	244, 220, 113
RGB Percent	96%, 86%, 44%
CMY	0.0431, 0.1372, 0.5569
CMYK	0.00, 0.10, 0.54, 0.04
HSL	49°, 86%, 70%
HSV	49°, 54%, 96%
XYZ	65.8821, 71.6118, 25.9729
YIQ	214.9780, 48.6510, -28.1890

Conversions

Conversions Part 2

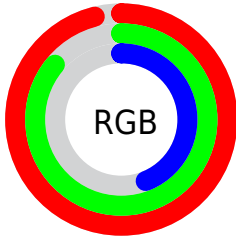
Format	Color
RYB	142, 244, 113
Decimal	16047217
CIELab	87.78, -4.83, 54.90
CIElCh	88, 55.109, 95.032
Yxy	71.6118, 0.4030, 0.4381
Android (android.graphics.Color)	4294237297 (0xFFFF4DC71)
YUV	214.9780, -50.2752, 25.4523
Hunter-Lab	84.6238, -9.1240, 41.0392

Details

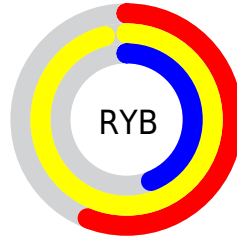
The XYZ color **65.8821, 71.6118, 25.9729** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.0846, 27.9328, 89.2882**, and the grayscale version is **64.8847, 68.2638, 74.3392**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **34.2783, 37.5508, 9.7163** is the 20% darker color. If you saturate the color by 10%, you get **63.5322, 68.8227, 19.2997**, and if you desaturate by 10%, it is **68.6361, 74.6181, 34.6040**.

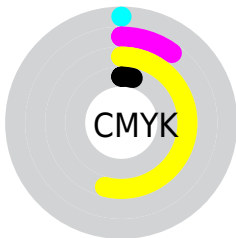
Distribution



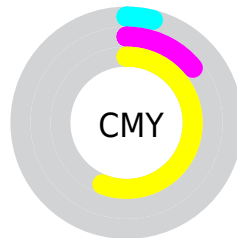
- Red (96%)
- Green (86%)
- Blue (44%)



- Red (56%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8821, 71.6118, 25.9729 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 65.8821, 71.6118, 25.9729 by changing the saturation by 10% instead.

65.8821, 71.6118,
25.9729

65.8821, 71.6118,
25.9729

435.4504,
466.1893, 296.2503

48.4441, 52.8416,
16.5778

112.3758,
121.5045, 54.2148

34.3914, 37.6764,
9.7752

142.1621,
153.3957, 73.8986

23.3587, 25.7316,
5.1465

176.7952,
190.4295, 97.8491

14.9808, 16.6230,
2.2732

216.6405,
232.9901, 126.4848

8.8921, 9.9660,
0.7162

262.0633,
281.4620, 160.2242

4.7274, 5.3764,
0.0000

313.4290,

2.1213, 2.4698,

336.2296, 199.4859

0.0000

371.1029,
397.6772, 244.6884

■ 0.7008, 0.8614,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8821, 71.6118,
25.9729

■ 65.8821, 71.6118,
25.9729

■ 63.5322, 68.8227,
19.2997

■ 68.6361, 74.6181,
34.6040

■ 61.5506, 66.2280,
14.4201


■ 71.8162, 77.8426,
45.3307


■ 59.9036, 63.8166,
11.1506


■ 75.4488, 81.2992,
58.2833


■ 58.5483, 61.5709,
9.2657


■ 79.5566, 84.9971,
73.5803

 57.8027, 60.2222,
8.5775

 84.1608, 88.9452,
91.3318

 88.5641, 92.8650,
107.8647

 89.9459, 95.6286,
108.3253

 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



79.2451, 71.6118, 29.1999



65.8821, 71.6118, 25.9729



54.6217, 71.6118, 32.6077

Triad

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



65.8821, 71.6118, 25.9729



49.4746, 71.6118, 127.0714



93.5113, 71.6118, 112.5084

Complementary

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



65.8821, 71.6118, 25.9729



32.0846, 27.9328, 89.2882

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.



83.5504, 71.6118, 153.0927



65.8821, 71.6118, 25.9729



57.9890, 71.6118, 163.2165

Square

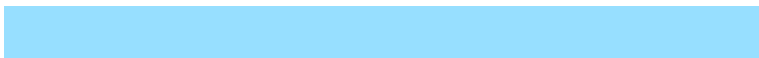
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8821, 71.6118, 25.9729



45.9555, 71.6118, 84.4647



70.2953, 71.6118, 174.0091



96.3246, 71.6118, 71.8229

Rectangle

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



65.8821, 71.6118, 25.9729



49.4615, 71.6118, 43.5427



70.2953, 71.6118, 174.0091



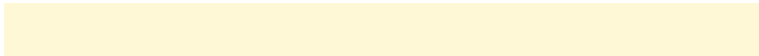
90.8305, 71.6118, 126.9797

Sweetspot

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



65.8838, 71.6152, 25.9744



86.8254, 92.9697, 77.1211



47.7303, 32.8507, 27.4992



18.3798, 19.7169, 15.7415



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.



65.8838, 71.6152, 25.9744



70.1176, 75.9384, 21.0414



59.8287, 78.5223, 27.6267



17.6415, 18.7671, 17.4902



31.5233, 32.9323, 4.6951



2.8361, 3.0255, 0.4345

Inverse Universe

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



32.0846, 27.9328, 89.2882



29.3654, 23.3284, 97.5629



35.6535, 25.2603, 88.5842



15.8266, 16.4176, 20.8773



9.4536, 4.7010, 46.9472



0.8971, 0.5456, 4.1483

Previews

White Background



This preview shows how the XYZ color 65.8821, 71.6118, 25.9729 looks on a white background.

Color Contrast Check

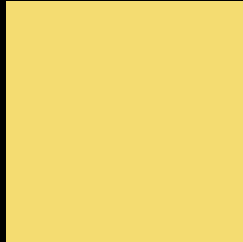
Large Text (above 18pt) WCAG AA × Fail

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 65.8821, 71.6118, 25.9729 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 65.8821, 71.6118, 25.9729

Background



This preview shows how black text looks on a background with the XYZ color 65.8821, 71.6118, 25.9729.



This preview shows how white text looks on a background with the XYZ color 65.8821, 71.6118,

25.9729.

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

65.8821, 71.6118, 25.9729

Protanopia

65.5360, 71.4333, 25.9567

Deuteranopia

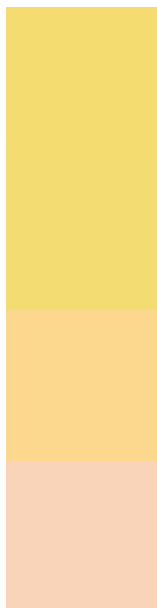
71.2923, 71.3517, 42.8156



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

65.8821, 71.6118, 25.9729

Protanomaly

65.5360, 71.4333, 25.9567

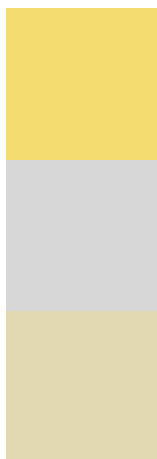
Deuteranomaly

69.2220, 71.5740, 35.7579

Tritanomaly

71.6196, 70.8717, 55.2522

Monochromacy



Original Color

65.8821, 71.6118, 25.9729

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2128, 69.0088, 52.0551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8821, 71.6118, 25.9729 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(244, 220, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 113)  
}
```

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(244, 220, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 113) }
```

Border

The CSS property to change the border of an element to XYZ 65.8821, 71.6118, 25.9729 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(244, 220, 113) }
```


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

```
.border{ border-color:rgb(244, 220, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 220, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 220, 113); box-shadow:4px 4px 4px 4px rgb(244, 220, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8821, 71.6118, 25.9729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 113) }
```

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

```
.background{ background-color: rgb(244,  
220, 113) }
```

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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