

Converting Colors

XYZ(63.7284, 66.3239, 26.5843)

Have a look what the booklet for
XYZ(63.7284, 66.3239, 26.5843)
contains.

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Color

**XYZ(63.7267, 66.3214,
26.5821)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5D176 |
| RGB | 245, 209, 118 |
| RGB Percent | 96%, 82%, 46% |
| CMY | 0.0392, 0.1804, 0.5372 |
| CMYK | 0.00, 0.15, 0.52, 0.04 |
| HSL | 43°, 86%, 71% |
| HSV | 43°, 52%, 96% |
| XYZ | 63.7267, 66.3214, 26.5821 |
| YIQ | 209.3900, 50.6670, -20.6690 |

Conversions

Conversions Part 2

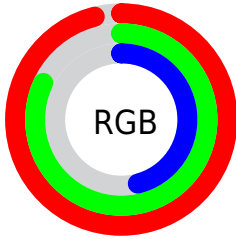
| Format | Color |
|-------------------------------------|---|
| RYB | 168, 245, 118 |
| Decimal | 16109942 |
| CIELab | 85.16, 1.59, 49.41 |
| CIELCh | 85, 49.440, 88.162 |
| Yxy | 66.3214, 0.4069, 0.4234 |
| Android (android.graphics.Color) | 4294300022 (0xFFFF5D176) |
| YUV | 209.3900, -45.0553, 31.2300 |
| Hunter-Lab | 81.4380, -2.8369, 37.6538 |

Details

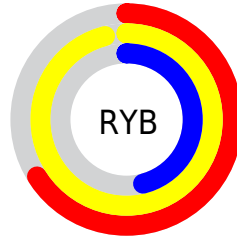
The XYZ color **63.7267, 66.3214, 26.5821** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.5079, 33.5542, 90.9911**, and the grayscale version is **61.1227, 64.3058, 70.0290**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **32.9544, 34.2751, 10.0331** is the 20% darker color. If you saturate the color by 10%, you get **60.7894, 62.4821, 19.3293**, and if you desaturate by 10%, it is **67.1195, 70.4667, 35.8533**.

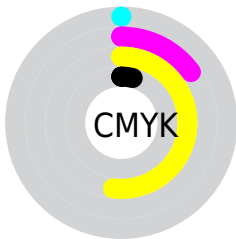
Distribution



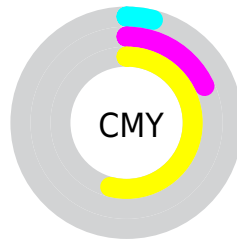
- Red (96%)
- Green (82%)
- Blue (46%)



- Red (66%)
- Yellow (96%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (52%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7267, 66.3214, 26.5821 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 63.7267, 66.3214, 26.5821 by changing the saturation by 10% instead.


 63.7267, 66.3214,
26.5821

 63.7267, 66.3214,
26.5821


427.8199,
447.5254, 299.3239


 46.6902, 48.5334,
17.0300


 109.2932,
113.9475, 55.2081

 32.9977, 34.2495,
10.0937


 138.5539,
144.5544, 75.1190

 22.2839, 23.0853,
5.3547


 172.6200,
180.2029, 99.3200

 14.1835, 14.6565,
2.3945

211.8570,
221.2776, 128.2295

 8.3309, 8.5787,
0.7834

256.6301,
268.1628, 162.2661

 4.3610, 4.4674,
0.0000

307.3047,

 1.9083, 1.9383,

321.2429, 201.8483

0.0000

364.2462,
380.9023, 247.3948

■ 0.5817, 0.5713,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7267, 66.3214,
26.5821

■ 63.7267, 66.3214,
26.5821

■ 60.7894, 62.4821,
19.3293

■ 67.1195, 70.4667,
35.8533

■ 58.2721, 58.9256,
13.9332


■ 70.9907, 74.9212,
47.2801


■ 56.1409, 55.6394,
10.2132


■ 75.3671, 79.6995,
60.9919


■ 54.3533, 52.6048,
7.9510

■ 80.2720, 84.8123,
77.1071

 53.0957, 50.2917,
6.9088

 85.7271, 90.2697,
95.7355

 90.0999, 95.4201,
108.2769

 91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



75.0378, 66.3214, 31.5976



63.7267, 66.3214, 26.5821



53.4483, 66.3214, 30.4759

Triad

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



63.7267, 66.3214, 26.5821



45.9592, 66.3214, 105.2466



83.0639, 66.3214, 109.6929

Complementary

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



63.7267, 66.3214, 26.5821



35.5079, 33.5542, 90.9911

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.



73.7079, 66.3214, 141.0094



63.7267, 66.3214, 26.5821



52.3883, 66.3214, 137.9548

Square

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



63.7267, 66.3214, 26.5821



43.9421, 66.3214, 70.2611



62.3513, 66.3214, 152.6226



86.9884, 66.3214, 74.2002

Rectangle

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



63.7267, 66.3214, 26.5821



48.3727, 66.3214, 38.5079



62.3513, 66.3214, 152.6226



80.3994, 66.3214, 121.4076

Sweetspot

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



63.7283, 66.3245, 26.5834



85.5845, 90.4880, 76.7075



50.1442, 34.7737, 35.5668



18.0821, 19.1213, 15.6422



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.



63.7283, 66.3245, 26.5834



66.4869, 68.3090, 20.9655



65.3169, 81.7661, 29.4802



17.4946, 18.4733, 17.4412



28.7274, 27.3404, 3.7631



2.6119, 2.5770, 0.3598

Inverse Universe

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



35.5079, 33.5542, 90.9911



32.5988, 29.0153, 98.4901



34.3576, 25.4256, 89.4828



15.9636, 16.6915, 20.9230



10.1410, 6.0758, 47.1763



0.9750, 0.7014, 4.1742

Previews

White Background



This preview shows how the XYZ color 63.7267, 66.3214, 26.5821 looks on a white background.

Color Contrast Check

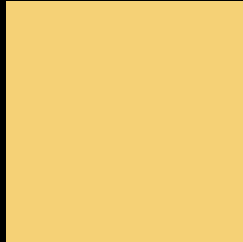
Large Text (above 18pt) WCAG AA × Fail

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 63.7267, 66.3214, 26.5821 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 63.7267, 66.3214, 26.5821

Background



This preview shows how black text looks on a background with the XYZ color 63.7267, 66.3214, 26.5821.



This preview shows how white text looks on a background with the XYZ color 63.7267, 66.3214,

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

63.7267, 66.3214, 26.5821

Protanopia

61.0557, 66.4128, 27.0537

Deuteranopia

67.1359, 66.1670, 31.7873



Tritanopia

73.0774, 66.2631, 71.8893

Trichromacy



Original Color

63.7267, 66.3214, 26.5821

Protanomaly

62.1332, 66.5960, 27.0323

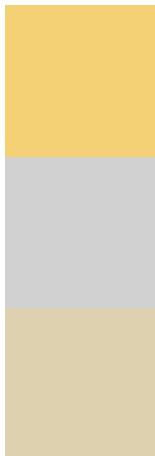
Deuteranomaly

65.7512, 66.2104, 29.7365

Tritanomaly

68.9401, 65.9646, 51.2184

Monochromacy



Original Color

63.7267, 66.3214, 26.5821

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7611, 64.2651, 50.2762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7267, 66.3214, 26.5821 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, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 118)  
}
```

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, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 118) }
```

Border

The CSS property to change the border of an element to XYZ 63.7267, 66.3214, 26.5821 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, 209, 118) }
```


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

```
.border{ border-color:rgb(245, 209, 118) }
```

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

Here you see how a box with a 4 pixel rgb(245, 209, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7267, 66.3214, 26.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 118) }
```

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

```
.background{ background-color: rgb(245,  
209, 118) }
```

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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