

Converting Colors

XYZ(67.6046, 73.6525, 27.4828)

Have a look what the booklet for
XYZ(67.6046, 73.6525, 27.4828)
contains.

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Color

**XYZ(67.6046, 73.6525,
27.4828)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6DF75 |
| RGB | 246, 223, 117 |
| RGB Percent | 96%, 87%, 46% |
| CMY | 0.0353, 0.1255, 0.5412 |
| CMYK | 0.00, 0.09, 0.52, 0.04 |
| HSL | 49°, 88%, 71% |
| HSV | 49°, 52%, 96% |
| XYZ | 67.6046, 73.6525, 27.4828 |
| YIQ | 217.7930, 47.7340, -28.0900 |

Conversions

Conversions Part 2

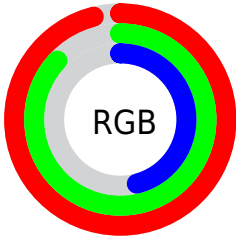
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 145, 246, 117 |
| Decimal | 16179061 |
| CIE Lab | 88.76, -5.22, 54.22 |
| CIE LCh | 89, 54.473, 95.499 |
| Yxy | 73.6525, 0.4006, 0.4365 |
| Android (android.graphics.Color) | 4294369141 (0xFFFF6DF75) |
| YUV | 217.7930, -49.6909, 24.7375 |
| Hunter-Lab | 85.8210, -9.5753, 41.0881 |

Details

The XYZ color **67.6046, 73.6525, 27.4828** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.3485, 29.1910, 91.0653**, and the grayscale version is **66.8080, 70.2873, 76.5428**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **35.4216, 38.9402, 10.4998** is the 20% darker color. If you saturate the color by 10%, you get **65.1882, 70.8383, 20.4552**, and if you desaturate by 10%, it is **70.4349, 76.6863, 36.5248**.

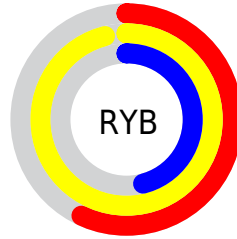
Distribution



Red (96%)

Green (87%)

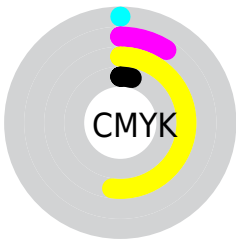
Blue (46%)



Red (57%)

Yellow (96%)

Blue (46%)

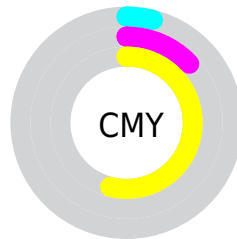


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (4%)



Cyan (4%)


Magenta (13%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6046, 73.6525, 27.4828 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 67.6046, 73.6525, 27.4828 by changing the saturation by 10% instead.


 67.6046, 73.6525,
27.4828

 67.6046, 73.6525,
27.4828


441.4925,
473.2732, 303.8210


 49.8486, 54.5097,
17.7005


 114.8313,
124.4031, 56.6708

 35.5104, 39.0093,
10.5680


 145.0328,
156.7796, 76.9135

 24.2247, 26.7669,
5.6666


 180.1135,
194.3362, 101.4802

 15.6260, 17.3983,
2.5780

220.4387,
237.4572, 130.7893

 9.3491, 10.5189,
0.8810

266.3739,
286.5270, 165.2594

 5.0285, 5.7443,
0.0000

318.2844,

 2.2989, 2.6902,

341.9300, 205.3090

0.0000

376.5355,
404.0506, 251.3567

■ 0.7941, 0.9722,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6046, 73.6525,
27.4828

■ 67.6046, 73.6525,
27.4828

■ 65.1882, 70.8383,
20.4552

■ 70.4349, 76.6863,
36.5248

■ 63.1498, 68.2207,
15.2769


■ 73.7011, 79.9407,
47.7196


■ 61.4557, 65.7887,
11.7645


■ 77.4300, 83.4293,
61.1990


■ 60.0633, 63.5248,
9.6943


■ 81.6445, 87.1619,
77.0825

 59.1619, 61.9047,
8.8306

 86.3660, 91.1471,
95.4814

 90.0293, 94.7594,
108.1531

 91.4028, 97.5064,
108.6109

 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



81.0457, 73.6525, 30.6320



67.6046, 73.6525, 27.4828



56.2991, 73.6525, 34.4402

Triad

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



67.6046, 73.6525, 27.4828



51.3378, 73.6525, 130.1388



95.6819, 73.6525, 114.2062

Complementary

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



67.6046, 73.6525, 27.4828



33.3485, 29.1910, 91.0653

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.



85.7711, 73.6525, 154.9582



67.6046, 73.6525, 27.4828



60.0146, 73.6525, 165.9973

Square

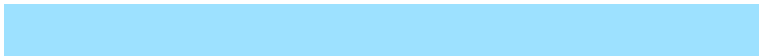
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6046, 73.6525, 27.4828



47.6928, 73.6525, 87.3511



72.4605, 73.6525, 176.2717



98.3728, 73.6525, 73.4409

Rectangle

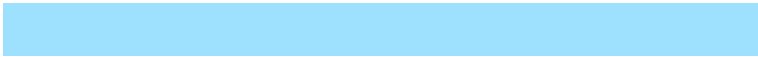
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6046, 73.6525, 27.4828



51.1322, 73.6525, 45.7174



72.4605, 73.6525, 176.2717



93.0284, 73.6525, 128.7144

Sweetspot

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



67.6064, 73.6560, 27.4843



86.8868, 93.0926, 77.1416



49.1494, 34.2288, 29.0802



18.3946, 19.7464, 15.7464



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.



67.6064, 73.6560, 27.4843



70.5717, 76.6657, 21.7506



61.3852, 80.1963, 29.0746



17.6487, 18.7816, 17.4926



31.6724, 33.2303, 4.7448



2.8479, 3.0491, 0.4384

Inverse Universe

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



33.3485, 29.1910, 91.0653



29.7832, 23.7805, 97.6281



37.0676, 26.6311, 90.3752



15.8200, 16.4043, 20.8751



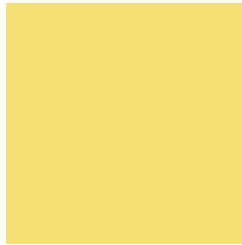
9.4278, 4.6493, 46.9385



0.8939, 0.5392, 4.1472

Previews

White Background



This preview shows how the XYZ color 67.6046, 73.6525, 27.4828 looks on a white background.

Color Contrast Check

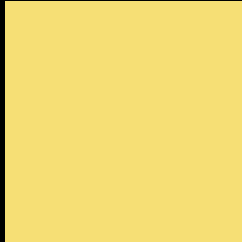
Large Text (above 18pt) WCAG AA × Fail

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 67.6046, 73.6525, 27.4828 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 67.6046, 73.6525, 27.4828

Background



This preview shows how black text looks on a background with the XYZ color 67.6046, 73.6525, 27.4828.



This preview shows how white text looks on a background with the XYZ color 67.6046, 73.6525,

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

67.6046, 73.6525, 27.4828

Protanopia

67.6046, 73.6525, 27.4828

Deuteranopia

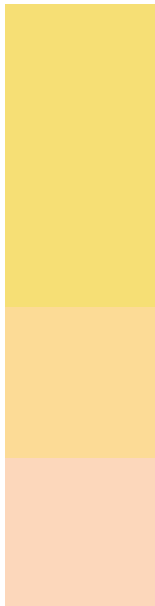
73.2143, 73.7503, 47.9125



Tritanopia

78.3994, 73.3946, 82.7075

Trichromacy



Original Color

67.6046, 73.6525, 27.4828

Protanomaly

67.6046, 73.6525, 27.4828

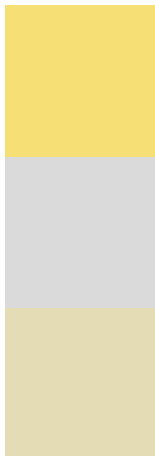
Deuteranomaly

70.9814, 73.5605, 39.3116

Tritanomaly

73.4150, 72.8842, 57.2124

Monochromacy



Original Color

67.6046, 73.6525, 27.4828

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.9286, 71.0166, 53.9488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6046, 73.6525, 27.4828 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, 223, 117)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 117)  
}
```

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, 223, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 117) }
```

Border

The CSS property to change the border of an element to XYZ 67.6046, 73.6525, 27.4828 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, 223, 117) }
```


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

```
.border{ border-color:rgb(246, 223, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 117);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6046, 73.6525, 27.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 117) }
```

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

```
.background{ background-color: rgb(246,  
223, 117) }
```

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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