

Converting Colors

XYZ(67.3818, 78.2480, 30.7334)

Have a look what the booklet for
XYZ(67.3818, 78.2480, 30.7334)
contains.

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Color

**XYZ(67.6074, 78.5341,
30.6641)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EBEB7C |
| RGB | 235, 235, 124 |
| RGB Percent | 92%, 92%, 49% |
| CMY | 0.0784, 0.0784, 0.5137 |
| CMYK | 0.00, 0.00, 0.47, 0.08 |
| HSL | 60°, 74%, 70% |
| HSV | 60°, 47%, 92% |
| XYZ | 67.6074, 78.5341, 30.6641 |
| YIQ | 222.3460, 35.6310, -34.5210 |

Conversions

Conversions Part 2

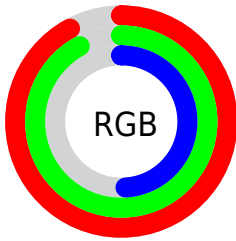
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 235, 124 |
| Decimal | 15461244 |
| CIELab | 91.02, -14.98, 53.43 |
| CIELCh | 91, 55.487, 105.660 |
| Yxy | 78.5341, 0.3824, 0.4442 |
| Android (android.graphics.Color) | 4293651324 (0xFFEBEB7C) |
| YUV | 222.3460, -48.4846, 11.0976 |
| Hunter-Lab | 88.6195, -18.9072, 41.5181 |

Details

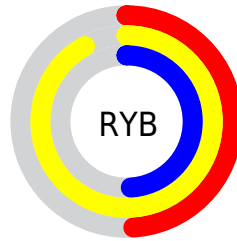
The XYZ color **67.6074, 78.5341, 30.6641** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **30.5179, 24.7004, 81.7612**, and the grayscale version is **69.9922, 73.6372, 80.1909**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **35.3889, 42.0422, 12.2110** is the 20% darker color. If you saturate the color by 10%, you get **66.2952, 78.0120, 23.7482**, and if you desaturate by 10%, it is **69.2775, 79.2051, 39.4483**.

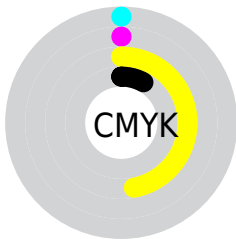
Distribution



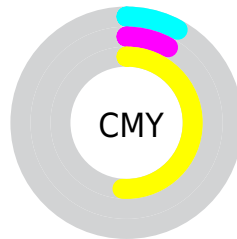
- Red (92%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6074, 78.5341, 30.6641 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 67.6074, 78.5341, 30.6641 by changing the saturation by 10% instead.

67.6074, 78.5341,
30.6641

67.6074, 78.5341,
30.6641

441.5023,
489.9788, 319.2910

49.8509, 58.5128,
20.0869

114.8353,
131.3028, 61.7842

35.5123, 42.2211,
12.2735

145.0375,
164.8189, 83.1642

24.2261, 29.2744,
6.8054

180.1189,
203.6022, 108.9822

15.6271, 19.2885,
3.2641

220.4449,
248.0370, 139.6567

9.3498, 11.8789,
1.2310

266.3809,
298.5076, 175.6063

5.0290, 6.6613,
0.0042

318.2922,

2.2992, 3.2512,

355.3986, 217.2495

0.0000

376.5443,
419.0941, 265.0049

■ 0.7943, 1.2642,
0.0000

■ 0.0000, 0.1133,
0.0000

■ 67.6074, 78.5341,
30.6641

■ 67.6074, 78.5341,
30.6641

■ 66.2952, 78.0120,
23.7482

■ 69.2775, 79.2051,
39.4483

■ 65.3097, 77.6178,
18.5611


■ 71.3230, 80.0233,
50.2172


■ 64.6238, 77.3434,
14.9517


■ 73.7668, 81.0009,
63.0836


■ 64.2035, 77.1752,
12.7408


■ 76.6285, 82.1456,
78.1505


 64.0043, 77.0955,
11.6942


 79.9262, 83.4647,
95.5139

 63.9686, 77.0811,
11.5066

 82.0237, 84.3038,
106.5569

 82.0242, 84.3040,
106.5569

 82.0246, 84.3043,
106.5569

 82.0251, 84.3045,
106.5570

Harmonies

Analogous

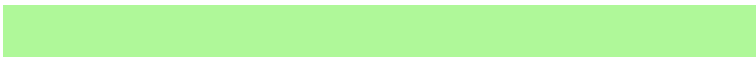
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5164, 78.5341, 30.4326



67.6074, 78.5341, 30.6641



56.9900, 78.5341, 42.1329

Triad

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



67.6074, 78.5341, 30.6641



57.3571, 78.5341, 153.3969



103.8994, 78.5341, 106.0748

Complementary

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



67.6074, 78.5341, 30.6641



30.5179, 24.7004, 81.7612

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.



95.6131, 78.5341, 151.5501



67.6074, 78.5341, 30.6641



68.1698, 78.5341, 184.1349

Square

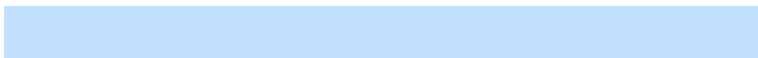
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6074, 78.5341, 30.6641



51.5968, 78.5341, 108.0679



82.1533, 78.5341, 183.3693



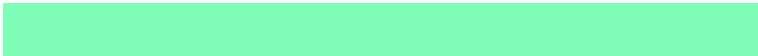
103.6994, 78.5341, 66.3327

Rectangle

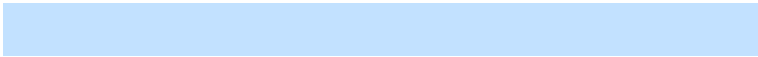
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6074, 78.5341, 30.6641



52.6946, 78.5341, 57.4941



82.1533, 78.5341, 183.3693



101.9730, 78.5341, 121.4073

Sweetspot

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



67.6093, 78.5377, 30.6657



89.8250, 97.9099, 81.3893



45.1094, 33.5346, 23.1651



19.0734, 20.8956, 16.6160



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.



67.6093, 78.5377, 30.6657



79.7923, 93.8966, 28.5705



52.0557, 70.5195, 29.9378



16.3519, 17.6270, 16.0592



35.5993, 42.8966, 6.4036



2.7954, 3.3684, 0.5028

Inverse Universe

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



30.5179, 24.7004, 81.7612



29.9762, 21.5896, 97.1950



40.9116, 30.0586, 82.2476



14.2313, 14.5490, 18.9804



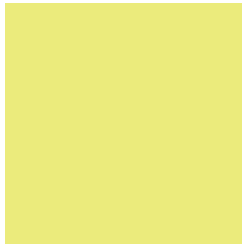
8.3458, 3.3383, 43.9475



0.6554, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 67.6074, 78.5341, 30.6641 looks on a white background.

Color Contrast Check

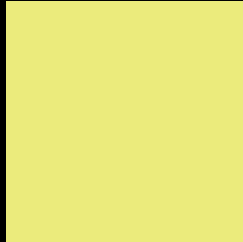
Large Text (above 18pt) WCAG AA × Fail

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 67.6074, 78.5341, 30.6641 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 67.6074, 78.5341, 30.6641

Background



This preview shows how black text looks on a background with the XYZ color 67.6074, 78.5341, 30.6641.



This preview shows how white text looks on a background with the XYZ color 67.6074, 78.5341,

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

67.6074, 78.5341, 30.6641

Protanopia

71.6770, 78.1392, 29.7169

Deuteranopia

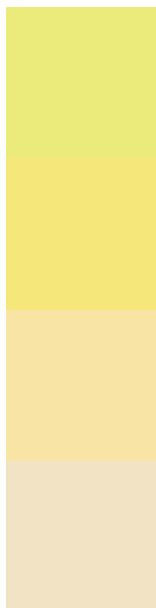
77.0810, 78.2454, 59.1844



Tritanopia

80.0590, 78.2487, 92.5453

Trichromacy



Original Color

67.6074, 78.5341, 30.6641

Protanomaly

70.1571, 78.1747, 30.1304

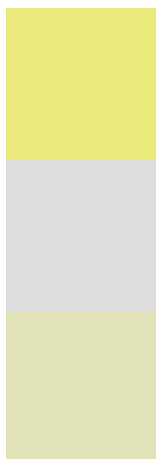
Deuteranomaly

73.2463, 78.1599, 46.8232

Tritanomaly

74.5093, 78.0241, 63.9564

Monochromacy



Original Color

67.6074, 78.5341, 30.6641

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0106, 74.8142, 57.3104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6074, 78.5341, 30.6641 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(235, 235, 124)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 124)  
}
```

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(235, 235, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 124) }
```

Border

The CSS property to change the border of an element to XYZ 67.6074, 78.5341, 30.6641 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(235, 235, 124) }
```


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

```
.border{ border-color:rgb(235, 235, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 235, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 124);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6074, 78.5341, 30.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 124) }
```

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

```
.background{ background-color: rgb(235,  
235, 124) }
```

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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