

Converting Colors

$Yxy(74.8625, 0.4181, 0.4598)$

Have a look what the booklet for
Yxy(74.8625, 0.4181, 0.4598)
contains.

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Color

Yxy(74.8625, 0.4181, 0.4598)

Conversions

Conversions Part 1

Format	Color
Hex	FAE157
RGB	250, 225, 87
RGB Percent	98%, 88%, 34%
CMY	0.0196, 0.1176, 0.6588
CMYK	0.00, 0.10, 0.65, 0.02
HSL	51°, 94%, 66%
HSV	51°, 65%, 98%
XYZ	68.0731, 74.8625, 19.8798
YIQ	216.7430, 59.1980, -37.6180

Conversions

Conversions Part 2

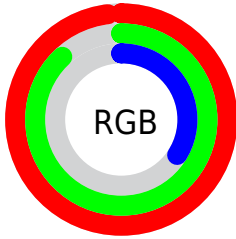
Format	Color
RYB	117, 250, 87
Decimal	16441687
CIELab	89.33, -6.65, 68.14
CIELCh	89, 68.464, 95.575
Yxy	74.8625, 0.4181, 0.4598
Android (android.graphics.Color)	4294631767 (0xFFFAE157)
YUV	216.7430, -63.9633, 29.1664
Hunter-Lab	86.5231, -10.9784, 46.9436

Details

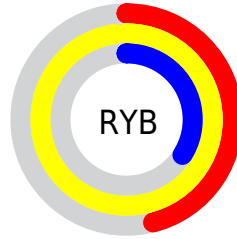
The Yxy color **74.8625, 0.4181, 0.4598** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **20.5215, 0.1921, 0.1461**, and the grayscale version is **69.6222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7632, 0.3782, 0.4373**, and **39.7668, 0.4350, 0.4834** is the 20% darker color. If you saturate the color by 10%, you get **72.4749, 0.4306, 0.4714**, and if you desaturate by 10%, it is **77.4452, 0.4034, 0.4442**.

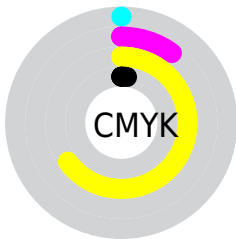
Distribution



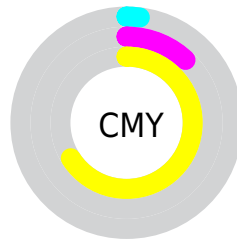
- Red (98%)
- Green (88%)
- Blue (34%)



- Red (46%)
- Yellow (98%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (2%)




- Cyan (2%)
- Magenta (12%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8625, 0.4181, 0.4598 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 Yxy color 74.8625, 0.4181, 0.4598 by changing the saturation by 10% instead.


 74.8625, 0.4181,
0.4598

 74.8625, 0.4181,
0.4598

477.4448, 0.3741,
0.4031

 55.5003, 0.4262,
0.4709

 126.1177, 0.4043,
0.4415


 39.8024, 0.4351,
0.4835


 158.7795, 0.3985,
0.4339

 27.3845, 0.4444,
0.4975

 196.6432, 0.3933,
0.4272

 17.8622, 0.4533,
0.5123

 240.0932, 0.3886,
0.4213

 10.8511, 0.4661,
0.5339

289.5140, 0.3844,
0.4160

 5.9668, 0.4614,
0.5386

345.2900, 0.3806,

 2.8249, 0.4539,

0.4112

0.5461

407.8054, 0.3772,
0.4070

■ 1.0410, 0.4404,
0.5596

■ 0.0000, 0.0000,
0.0000

■ 74.8625, 0.4181,
0.4598

■ 74.8625, 0.4181,
0.4598

■ 72.4749, 0.4306,
0.4714

■ 77.4452, 0.4034,
0.4442

■ 70.2561, 0.4404,
0.4785

■ 80.2259, 0.3872,
0.4255

■ 68.1905, 0.4473,
0.4810

■ 83.2200, 0.3702,
0.4049

■ 67.2398, 0.4499,
0.4810

■ 86.4383, 0.3531,
0.3831

89.8908, 0.3364,
0.3612

93.5867, 0.3206,
0.3398

97.0746, 0.3097,
0.3260

99.0660, 0.3096,
0.3290

Harmonies

Analogous

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



74.8625, 0.4655, 0.4085



74.8625, 0.4181, 0.4598



74.8625, 0.3462, 0.4797

Triad

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



74.8625, 0.4181, 0.4598



74.8625, 0.1775, 0.2766



74.8625, 0.3427, 0.2451

Complementary

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



74.8625, 0.4181, 0.4598



20.5215, 0.1921, 0.1461

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.



74.8625, 0.2629, 0.2150



74.8625, 0.4181, 0.4598



74.8625, 0.1772, 0.2261

Square

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



74.8625, 0.4181, 0.4598



74.8625, 0.2087, 0.3576



74.8625, 0.2058, 0.2073



74.8625, 0.4228, 0.2924

Rectangle

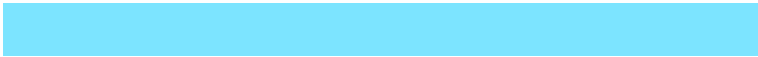
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8625, 0.4181, 0.4598



74.8625, 0.2942, 0.4611



74.8625, 0.2058, 0.2073



74.8625, 0.3146, 0.2328

Sweetspot

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



74.8660, 0.4181, 0.4598



92.2485, 0.3444, 0.3718



28.3627, 0.4919, 0.3041



19.5293, 0.3491, 0.3779



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8660, 0.4181, 0.4598



75.1182, 0.4337, 0.4740



80.7589, 0.3642, 0.5020



19.7103, 0.3273, 0.3489



35.8351, 0.4493, 0.4815



3.4375, 0.4451, 0.4848

Inverse Universe

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



20.5215, 0.1921, 0.1461



14.8180, 0.1719, 0.1105



19.4134, 0.2207, 0.1351



17.0728, 0.2979, 0.3083



4.5375, 0.1535, 0.0726



0.5429, 0.1585, 0.0906

Previews

White Background



This preview shows how the Yxy color 74.8625, 0.4181, 0.4598 looks on a white background.

Color Contrast Check

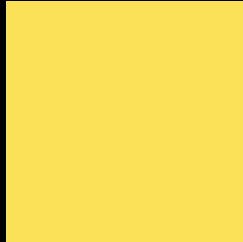
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.8625, 0.4181, 0.4598 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](#).

Yxy 74.8625, 0.4181, 0.4598

Background



This preview shows how black text looks on a background with the Yxy color 74.8625, 0.4181, 0.4598.



This preview shows how white text looks on a background with the Yxy color 74.8625, 0.4181, 0.4598.

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

74.8625, 0.4181, 0.4598

Protanopia

74.8625, 0.4181, 0.4598

Deuteranopia

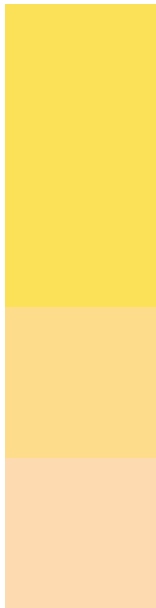
74.8253, 0.3743, 0.3794



Tritanopia

74.8992, 0.3340, 0.3160

Trichromacy



Original Color

74.8625, 0.4181, 0.4598

Protanomaly

74.8625, 0.4181, 0.4598

Deuteranomaly

74.4890, 0.3927, 0.4115

Tritanomaly

74.1600, 0.3687, 0.3725

Monochromacy



Original Color

74.8625, 0.4181, 0.4598

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.7467, 0.3538, 0.3842

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8625, 0.4181, 0.4598 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(250, 225, 87)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 87)  
}
```

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(250, 225, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 87) }
```

Border

The CSS property to change the border of an element to Yxy 74.8625, 0.4181, 0.4598 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(250, 225, 87) }
```

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

```
.border{ border-color:rgb(250, 225, 87) }
```

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

Here you see how a box with a 4 pixel rgb(250, 225, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 87);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8625, 0.4181, 0.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 87) }
```

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

```
.background{ background-color: rgb(250,  
225, 87) }
```

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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