

Converting Colors

$Yxy(85.0749, 0.4106, 0.4908)$

Have a look what the booklet for
Yxy(85.0749, 0.4106, 0.4908)
contains.

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Color

Yxy(85.0542, 0.4106, 0.4908)

Conversions

Conversions Part 1

Format	Color
Hex	F5F53D
RGB	245, 245, 61
RGB Percent	96%, 96%, 24%
CMY	0.0392, 0.0392, 0.7606
CMYK	0.00, 0.00, 0.75, 0.04
HSL	60°, 90%, 60%
HSV	60°, 75%, 96%
XYZ	71.1558, 85.0542, 17.0871
YIQ	224.0240, 59.0640, -57.2240

Conversions

Conversions Part 2

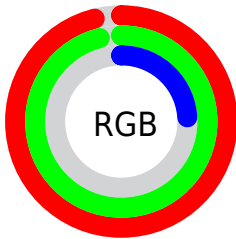
Format	Color
RYB	61, 245, 61
Decimal	16119101
CIELab	93.91, -19.73, 81.62
CIELCh	94, 83.967, 103.590
Yxy	85.0542, 0.4106, 0.4908
Android (android.graphics.Color)	4294309181 (0xFFFF5F53D)
YUV	224.0240, -80.3708, 18.3960
Hunter-Lab	92.2248, -23.6724, 53.5723

Details

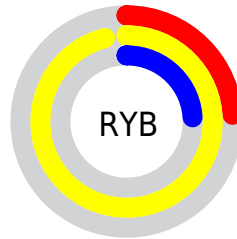
The Yxy color **85.0542, 0.4106, 0.4908** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **10.9309, 0.1695, 0.0923**, and the grayscale version is **75.1207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1851, 0.3889, 0.4549**, and **46.7095, 0.4156, 0.5082** is the 20% darker color. If you saturate the color by 10%, you get **84.8504, 0.4159, 0.4995**, and if you desaturate by 10%, it is **85.3865, 0.4026, 0.4777**.

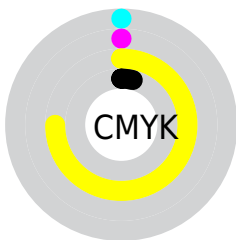
Distribution



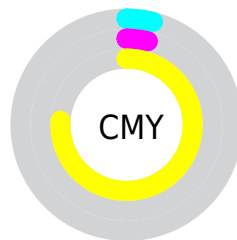
- Red (96%)
- Green (96%)
- Blue (24%)



- Red (24%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (75%)
- Black (4%)





- Cyan (4%)
- Magenta (4%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0542, 0.4106, 0.4908 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 85.0542, 0.4106, 0.4908 by changing the saturation by 10% instead.


 85.0542, 0.4106,
0.4908

 85.0542, 0.4106,
0.4908


511.8074, 0.3740,
0.4218

 63.8862, 0.4161,
0.5039

 140.4489, 0.4001,
0.4688

 46.5585, 0.4214,
0.5186

 175.4444, 0.3954,
0.4596


 32.6868, 0.4258,
0.5347


 215.8177, 0.3910,
0.4515

 21.8866, 0.4281,
0.5519


 261.9534, 0.3870,
0.4442

 13.7736, 0.4282,
0.5718

 314.2359, 0.3833,
0.4377

 7.9634, 0.4160,
0.5840

373.0494, 0.3800,

 4.0715, 0.3974,

0.4319

0.6026

438.7784, 0.3769,
0.4266

■ 1.7136, 0.3661,
0.6339

■ 0.4325, 0.0000,
1.0000

■ 85.0542, 0.4106,
0.4908

■ 85.0542, 0.4106,
0.4908

■ 84.8504, 0.4159,
0.4995

■ 85.3865, 0.4026,
0.4777

■ 84.7452, 0.4186,
0.5041

■ 85.8498, 0.3922,
0.4604


■ 84.7180, 0.4193,
0.5052


■ 86.4607, 0.3797,
0.4397


■ 87.2301, 0.3656,
0.4165

 88.1682, 0.3507,
0.3918

 89.2841, 0.3354,
0.3665

 90.5863, 0.3202,
0.3414

 91.9495, 0.3068,
0.3193

 91.9506, 0.3068,
0.3193

Harmonies

Analogous

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



85.0542, 0.4769, 0.4334



85.0542, 0.4106, 0.4908



85.0542, 0.3241, 0.5041

Triad

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



85.0542, 0.4106, 0.4908



85.0542, 0.1553, 0.2468



85.0542, 0.3737, 0.2455

Complementary

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



85.0542, 0.4106, 0.4908



10.9309, 0.1695, 0.0923

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.



85.0542, 0.2768, 0.2061



85.0542, 0.4106, 0.4908



85.0542, 0.1641, 0.2014

Square

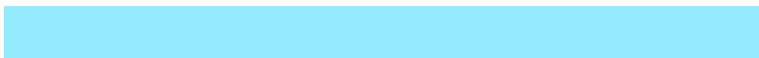
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0542, 0.4106, 0.4908



85.0542, 0.1794, 0.3328



85.0542, 0.2041, 0.1900



85.0542, 0.4620, 0.3017

Rectangle

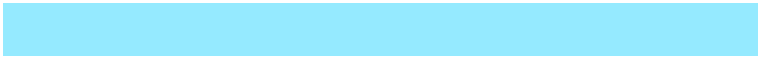
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0542, 0.4106, 0.4908



85.0542, 0.2657, 0.4696



85.0542, 0.2041, 0.1900



85.0542, 0.3402, 0.2301

Sweetspot

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



85.0582, 0.4106, 0.4908



96.7787, 0.3476, 0.3866



23.1290, 0.5703, 0.3276



20.6273, 0.3531, 0.3957



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.



85.0582, 0.4106, 0.4908



92.8415, 0.4176, 0.5023



72.7288, 0.3475, 0.5351



19.3134, 0.3269, 0.3524



45.6331, 0.4193, 0.5052



4.0108, 0.4193, 0.5052

Inverse Universe

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



10.9309, 0.1695, 0.0923



8.1507, 0.1541, 0.0667



16.4165, 0.2274, 0.1215



15.9270, 0.2979, 0.3045



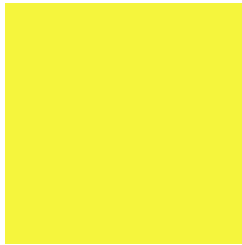
3.5519, 0.1500, 0.0600



0.3122, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 85.0542, 0.4106, 0.4908 looks on a white background.

Color Contrast Check

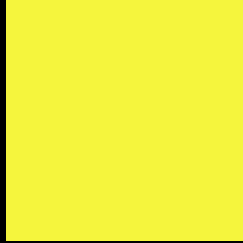
Large Text (above 18pt) WCAG AA × Fail

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 85.0542, 0.4106, 0.4908 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 85.0542, 0.4106, 0.4908

Background



This preview shows how black text looks on a background with the Yxy color 85.0542, 0.4106, 0.4908.



This preview shows how white text looks on a background with the Yxy color 85.0542, 0.4106, 0.4908.

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

85.0542, 0.4106, 0.4908

Protanopia

85.0534, 0.3727, 0.4042

Deuteranopia

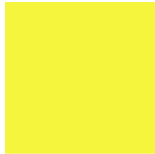
84.6597, 0.3442, 0.3551



Tritanopia

84.9435, 0.3208, 0.3163

Trichromacy



Original Color

85.0542, 0.4106, 0.4908



Protanomaly

84.9262, 0.3904, 0.4421



Deuteranomaly

84.0249, 0.3748, 0.4129



Tritanomaly

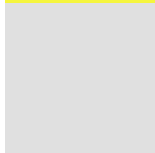
83.6745, 0.3614, 0.3891

Monochromacy



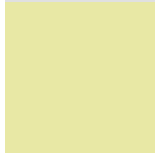
Original Color

85.0542, 0.4106, 0.4908



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

77.5856, 0.3563, 0.4011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0542, 0.4106, 0.4908 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, 245, 61)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 61)  
}
```

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, 245, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 61) }
```

Border

The CSS property to change the border of an element to Yxy 85.0542, 0.4106, 0.4908 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, 245, 61) }
```

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

```
.border{ border-color:rgb(245, 245, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 61);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0542, 0.4106, 0.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 61) }
```

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

```
.background{ background-color: rgb(245,  
245, 61) }
```

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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