

Converting Colors

Yxy(86.3976, 0.4043, 0.4614)

Have a look what the booklet for
Yxy(86.3976, 0.4043, 0.4614)
contains.

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Color

Yxy(86.3205, 0.4042, 0.4610)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF366 |
| RGB | 255, 243, 102 |
| RGB Percent | 100%, 95%, 40% |
| CMY | 0.0001, 0.0470, 0.6000 |
| CMYK | 0.00, 0.05, 0.60, 0.00 |
| HSL | 55°, 100%, 70% |
| HSV | 55°, 60%, 100% |
| XYZ | 75.6849, 86.3205, 25.2408 |
| YIQ | 230.5140, 52.4130, -41.3070 |

Conversions

Conversions Part 2

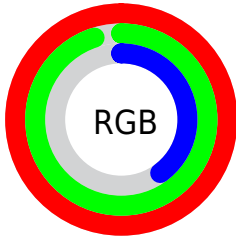
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 115, 255, 102 |
| Decimal | 16773990 |
| CIE Lab | 94.45, -12.63, 67.57 |
| CIE LCh | 94, 68.741, 100.591 |
| Yxy | 86.3205, 0.4042, 0.4610 |
| Android (android.graphics.Color) | 4294964070 (0xFFFFF366) |
| YUV | 230.5140, -63.3574, 21.4742 |
| Hunter-Lab | 92.9088, -17.1817, 48.9287 |

Details

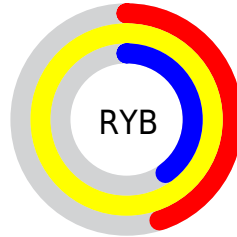
The Yxy color **86.3205, 0.4042, 0.4610** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **22.0718, 0.1984, 0.1482**, and the grayscale version is **79.9824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **47.3246, 0.4181, 0.4857** is the 20% darker color. If you saturate the color by 10%, you get **84.7059, 0.4156, 0.4756**, and if you desaturate by 10%, it is **88.1117, 0.3907, 0.4427**.

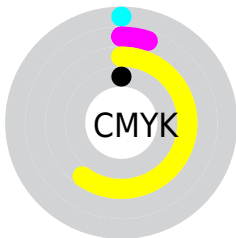
Distribution



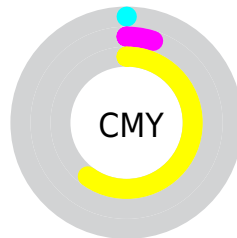
- Red (100%)
- Green (95%)
- Blue (40%)



- Red (45%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3205, 0.4042, 0.4610 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 86.3205, 0.4042, 0.4610 by changing the saturation by 10% instead.

 86.3205, 0.4042,
0.4610

 86.3205, 0.4042,
0.4610


515.9874, 0.3672,
0.4038


 64.9330, 0.4109,
0.4724


 142.2167, 0.3927,
0.4424


 47.4068, 0.4181,
0.4856


 177.4941, 0.3879,
0.4347

 33.3573, 0.4258,
0.5007


 218.1704, 0.3835,
0.4280

 22.4003, 0.4331,
0.5176

 264.6299, 0.3796,
0.4221

 14.1514, 0.4394,
0.5366

317.2569, 0.3760,
0.4168

 8.2260, 0.4427,
0.5573


376.4359, 0.3728,


 4.2399, 0.4313,


0.4120


0.5687


442.5513, 0.3699,
0.4077


 1.8086, 0.4123,
0.5877


 0.4926, 0.2449,
0.7551


 86.3205, 0.4042,
0.4610


 86.3205, 0.4042,
0.4610


 84.7059, 0.4156,
0.4756

 88.1117, 0.3907,
0.4427


 83.2409, 0.4244,
0.4859


 90.0804, 0.3757,
0.4217

 81.9119, 0.4304,
0.4917

 92.2421, 0.3598,
0.3989

 80.6900, 0.4340,
0.4936

 94.6075, 0.3437,
0.3753

 80.6900, 0.4340,
0.4936

 97.1864, 0.3279,
0.3518

99.9878, 0.3127,
0.3290

99.9974, 0.3127,
0.3290

Harmonies

Analogous

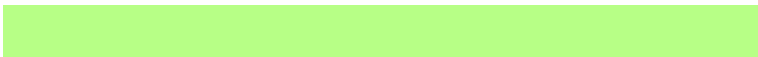
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3205, 0.4546, 0.4156



86.3205, 0.4042, 0.4610



86.3205, 0.3329, 0.4709

Triad

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



86.3205, 0.4042, 0.4610



86.3205, 0.1803, 0.2687



86.3205, 0.3553, 0.2549

Complementary

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



86.3205, 0.4042, 0.4610



22.0718, 0.1984, 0.1482

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.



86.3205, 0.2767, 0.2224



86.3205, 0.4042, 0.4610



86.3205, 0.1846, 0.2251

Square

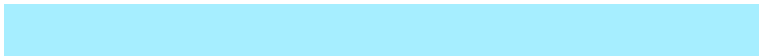
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3205, 0.4042, 0.4610



86.3205, 0.2056, 0.3424



86.3205, 0.2171, 0.2112



86.3205, 0.4287, 0.3029

Rectangle

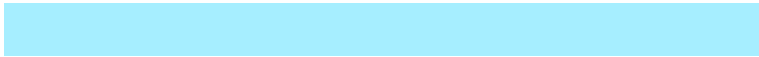
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3205, 0.4042, 0.4610



86.3205, 0.2833, 0.4461



86.3205, 0.2171, 0.2112



86.3205, 0.3282, 0.2420

Sweetspot

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



86.3245, 0.4042, 0.4610



95.1175, 0.3405, 0.3706



31.9913, 0.4868, 0.3174



20.2044, 0.3452, 0.3775



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.



86.3245, 0.4042, 0.4610



84.4114, 0.4176, 0.4780



83.5779, 0.3536, 0.4950



20.8330, 0.3271, 0.3507



42.2696, 0.4337, 0.4938



4.1850, 0.4319, 0.4953

Inverse Universe

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



22.0718, 0.1984, 0.1482



15.1938, 0.1771, 0.1122



24.8002, 0.2395, 0.1544



17.6060, 0.2978, 0.3064



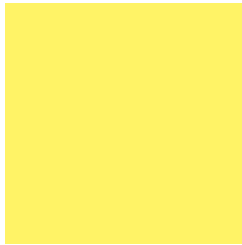
4.1134, 0.1514, 0.0648



0.4756, 0.1543, 0.0755

Previews

White Background



This preview shows how the Yxy color 86.3205, 0.4042, 0.4610 looks on a white background.

Color Contrast Check

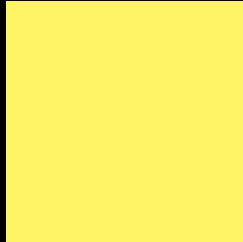
Large Text (above 18pt) WCAG AA × Fail

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 86.3205, 0.4042, 0.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

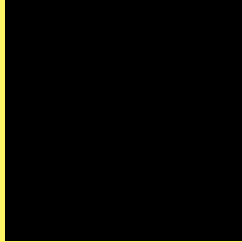
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3205, 0.4042, 0.4610

Background



This preview shows how black text looks on a background with the Yxy color 86.3205, 0.4042, 0.4610.



This preview shows how white text looks on a background with the Yxy color 86.3205, 0.4042, 0.4610.

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

86.3205, 0.4042, 0.4610

Protanopia

86.0881, 0.3648, 0.3933

Deuteranopia

86.1059, 0.3398, 0.3510



Tritanopia

86.0089, 0.3213, 0.3193

Trichromacy



Original Color

86.3205, 0.4042, 0.4610



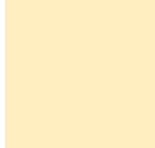
Protanomaly

85.7183, 0.3812, 0.4203



Deuteranomaly

86.0101, 0.3660, 0.3953



Tritanomaly

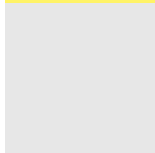
85.6341, 0.3542, 0.3743

Monochromacy



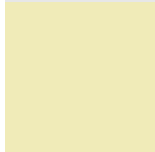
Original Color

86.3205, 0.4042, 0.4610



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.4026, 0.3491, 0.3825

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3205, 0.4042, 0.4610 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(255, 243, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 102)  
}
```

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(255, 243, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 102) }
```

Border

The CSS property to change the border of an element to Yxy 86.3205, 0.4042, 0.4610 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(255, 243, 102) }
```

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

```
.border{ border-color:rgb(255, 243, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 243, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3205, 0.4042, 0.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 102) }
```

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

```
.background{ background-color: rgb(255,  
243, 102) }
```

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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