

Converting Colors

$Yxy(86.4991, 0.3920, 0.4554)$

Have a look what the booklet for
Yxy(86.4991, 0.3920, 0.4554)
contains.

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Color

Yxy(86.4991, 0.3920, 0.4554)

Conversions

Conversions Part 1

Format	Color
Hex	F8F573
RGB	248, 245, 115
RGB Percent	97%, 96%, 45%
CMY	0.0275, 0.0392, 0.5491
CMYK	0.00, 0.01, 0.54, 0.03
HSL	59°, 90%, 71%
HSV	59°, 54%, 97%
XYZ	74.4568, 86.4991, 28.9850
YIQ	231.0770, 43.5180, -39.7940

Conversions

Conversions Part 2

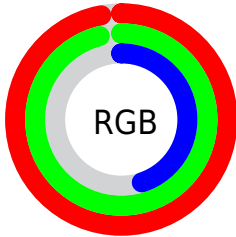
Format	Color
R _Y B	118, 248, 115
Decimal	16315763
CIE Lab	94.53, -15.48, 61.90
CIE LCh	95, 63.810, 104.042
Yxy	86.4991, 0.3920, 0.4554
Android (android.graphics.Color)	4294505843 (0xFFFF8F573)
YUV	231.0770, -57.2260, 14.8415
Hunter-Lab	93.0049, -19.8570, 46.6257

Details

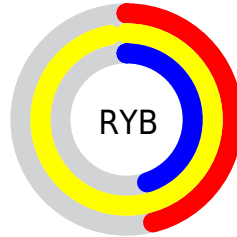
The Yxy color **86.4991, 0.3920, 0.4554** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **23.3711, 0.2094, 0.1606**, and the grayscale version is **80.3824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **47.5403, 0.4045, 0.4808** is the 20% darker color. If you saturate the color by 10%, you get **85.6702, 0.4033, 0.4730**, and if you desaturate by 10%, it is **87.4905, 0.3787, 0.4345**.

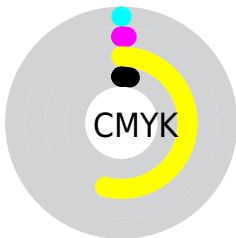
Distribution



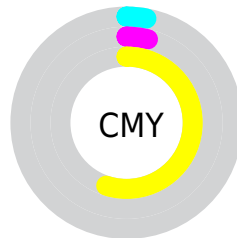
- Red (97%)
- Green (96%)
- Blue (45%)



- Red (46%)
- Yellow (97%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4991, 0.3920, 0.4554 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 86.4991, 0.3920, 0.4554 by changing the saturation by 10% instead.

 86.4991, 0.3920,
0.4554


 86.4991, 0.3920,
0.4554


516.5755, 0.3597,
0.3996

 65.0808, 0.3980,
0.4670


 142.4658, 0.3819,
0.4369

 47.5266, 0.4045,
0.4806


 177.7829, 0.3776,
0.4294

 33.4521, 0.4115,
0.4965

 218.5017, 0.3738,
0.4229

 22.4730, 0.4185,
0.5151

265.0067, 0.3704,
0.4171

 14.2049, 0.4243,
0.5364

317.6821, 0.3673,
0.4120

 8.2633, 0.4324,
0.5676

376.9125, 0.3646,

 4.2639, 0.4184,

0.4074

0.5816

443.0822, 0.3620,
0.4033

■ 1.8222, 0.3950,
0.6050

■ 0.5010, 0.1639,
0.8361

■ 86.4991, 0.3920,
0.4554

■ 86.4991, 0.3920,
0.4554

■ 85.6702, 0.4033,
0.4730

■ 87.4905, 0.3787,
0.4345

■ 84.9793, 0.4122,
0.4866

■ 88.6437, 0.3641,
0.4114


■ 84.4156, 0.4185,
0.4958

■ 89.9728, 0.3488,
0.3869


■ 83.9615, 0.4221,
0.5006


■ 91.4873, 0.3333,
0.3621

 83.7128, 0.4233,
0.5021

 93.1957, 0.3181,
0.3377

 94.5277, 0.3086,
0.3226

 94.8716, 0.3086,
0.3231

 95.2165, 0.3086,
0.3236

 95.5625, 0.3086,
0.3242

Harmonies

Analogous

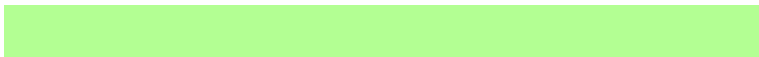
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4991, 0.4416, 0.4169



86.4991, 0.3920, 0.4554



86.4991, 0.3244, 0.4575

Triad

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



86.4991, 0.3920, 0.4554



86.4991, 0.1875, 0.2673



86.4991, 0.3612, 0.2642

Complementary

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



86.4991, 0.3920, 0.4554



23.3711, 0.2094, 0.1606

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.



86.4991, 0.2873, 0.2314



86.4991, 0.3920, 0.4554



86.4991, 0.1946, 0.2291

Square

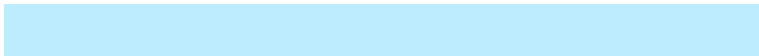
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4991, 0.3920, 0.4554



86.4991, 0.2085, 0.3331



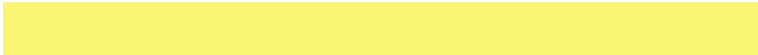
86.4991, 0.2285, 0.2184



86.4991, 0.4264, 0.3110

Rectangle

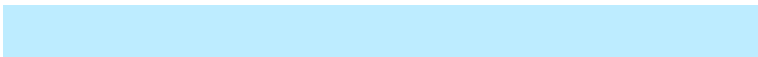
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4991, 0.3920, 0.4554



86.4991, 0.2784, 0.4304



86.4991, 0.2285, 0.2184



86.4991, 0.3361, 0.2514

Sweetspot

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



86.5031, 0.3920, 0.4554



97.0616, 0.3370, 0.3680



33.5555, 0.4667, 0.3249



20.7026, 0.3402, 0.3731



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.



86.5031, 0.3920, 0.4554



91.2312, 0.4038, 0.4737



78.8003, 0.3467, 0.4801



20.1198, 0.3269, 0.3519



45.2524, 0.4233, 0.5021



4.2118, 0.4228, 0.5025

Inverse Universe

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



23.3711, 0.2094, 0.1606



17.7540, 0.1885, 0.1259



28.3884, 0.2549, 0.1755



16.7055, 0.2979, 0.3050



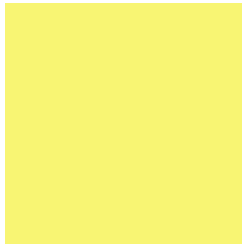
3.7532, 0.1504, 0.0614



0.3689, 0.1513, 0.0647

Previews

White Background



This preview shows how the Yxy color 86.4991, 0.3920, 0.4554 looks on a white background.

Color Contrast Check

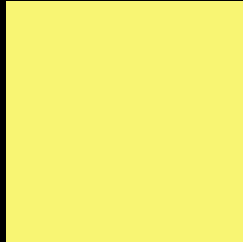
Large Text (above 18pt) WCAG AA × Fail

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 86.4991, 0.3920, 0.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

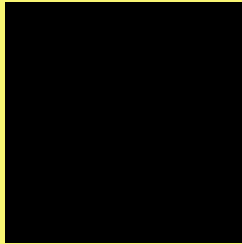
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.4991, 0.3920, 0.4554

Background



This preview shows how black text looks on a background with the Yxy color 86.4991, 0.3920, 0.4554.

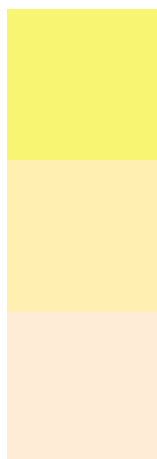


This preview shows how white text looks on a background with the Yxy color 86.4991, 0.3920, 0.4554.

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

86.4991, 0.3920, 0.4554

Protanopia

86.1673, 0.3635, 0.3913

Deuteranopia

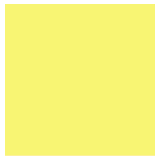
86.1572, 0.3392, 0.3500



Tritanopia

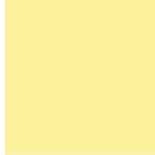
86.1916, 0.3194, 0.3164

Trichromacy



Original Color

86.4991, 0.3920, 0.4554



Protanomaly

85.9391, 0.3751, 0.4163



Deuteranomaly

85.6831, 0.3600, 0.3897



Tritanomaly

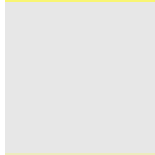
85.3410, 0.3481, 0.3685

Monochromacy



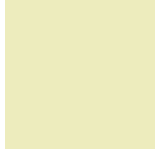
Original Color

86.4991, 0.3920, 0.4554



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.6696, 0.3434, 0.3785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4991, 0.3920, 0.4554 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(248, 245, 115)` looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 115)  
}
```

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(248, 245, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 115) }
```

Border

The CSS property to change the border of an element to Yxy 86.4991, 0.3920, 0.4554 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(248, 245, 115) }
```

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

```
.border{ border-color:rgb(248, 245, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 245, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 115);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4991, 0.3920, 0.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 115) }
```

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

```
.background{ background-color: rgb(248,  
245, 115) }
```

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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