

Converting Colors

Yxy(66.1537, 0.4050, 0.4244)

Have a look what the booklet for
Yxy(66.1537, 0.4050, 0.4244)
contains.

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Color

Yxy(65.9636, 0.4052, 0.4241)

Conversions

Conversions Part 1

Format	Color
Hex	F3D176
RGB	243, 209, 118
RGB Percent	95%, 82%, 46%
CMY	0.0472, 0.1803, 0.5372
CMYK	0.00, 0.14, 0.51, 0.05
HSL	44°, 84%, 71%
HSV	44°, 51%, 95%
XYZ	63.0239, 65.9636, 26.5503
YIQ	208.7920, 49.4750, -21.0930

Conversions

Conversions Part 2

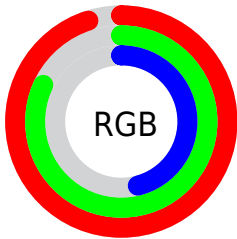
Format	Color
R _Y B	165, 243, 118
Decimal	15978870
CIE Lab	84.98, 0.76, 49.15
CIE LCh	85, 49.156, 89.118
Yxy	65.9636, 0.4052, 0.4241
Android (android.graphics.Color)	4294168950 (0xFFFF3D176)
YUV	208.7920, -44.7605, 30.0004
Hunter-Lab	81.2180, -3.6181, 37.4706

Details

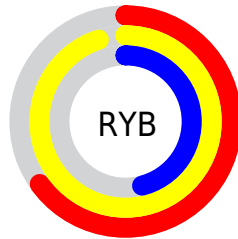
The Yxy color **65.9636, 0.4052, 0.4241** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.7611, 0.2222, 0.2088**, and the grayscale version is **63.8908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7586, 0.3620, 0.4105**, and **34.0264, 0.4244, 0.4447** is the 20% darker color. If you saturate the color by 10%, you get **62.2891, 0.4243, 0.4392**, and if you desaturate by 10%, it is **69.9273, 0.3857, 0.4067**.

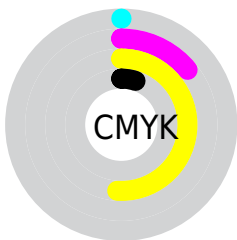
Distribution



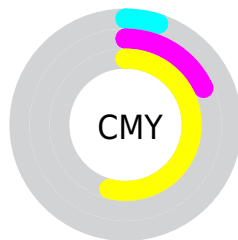
- Red (95%)
- Green (82%)
- Blue (46%)



- Red (65%)
- Yellow (95%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (51%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9636, 0.4052, 0.4241 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 65.9636, 0.4052, 0.4241 by changing the saturation by 10% instead.


 65.9636, 0.4052,
0.4241

 65.9636, 0.4052,
0.4241


446.2467, 0.3633,
0.3812


 48.2429, 0.4141,
0.4332


 113.4341, 0.3911,
0.4097

 34.0192, 0.4246,
0.4439

 143.9526, 0.3855,
0.4039

 22.9084, 0.4371,
0.4565


 179.5059, 0.3806,
0.3989

 14.5259, 0.4516,
0.4710

220.4782, 0.3763,
0.3945

 8.4873, 0.4679,
0.4873

267.2541, 0.3724,
0.3906

 4.4083, 0.4905,
0.5095

320.2179, 0.3691,

 1.9045, 0.4915,

0.3871

0.5085

379.7539, 0.3660,
0.3840

■ 0.5511, 0.4960,
0.5040

■ 0.0000, 0.0000,
0.0000

■ 65.9636, 0.4052,
0.4241

■ 65.9636, 0.4052,
0.4241

■ 62.2891, 0.4243,
0.4392

■ 69.9273, 0.3857,
0.4067

■ 58.8811, 0.4420,
0.4507

■ 74.1828, 0.3664,
0.3879

■ 55.7278, 0.4574,
0.4579

■ 78.7443, 0.3480,
0.3687

■ 52.8113, 0.4698,
0.4600

■ 83.6221, 0.3307,
0.3498

 50.4779, 0.4783,
0.4584

 88.8257, 0.3149,
0.3315

 93.7857, 0.3055,
0.3228

 97.7886, 0.3053,
0.3290

Harmonies

Analogous

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



65.9636, 0.4330, 0.3847



65.9636, 0.4052, 0.4241



65.9636, 0.3538, 0.4410

Triad

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



65.9636, 0.4052, 0.4241



65.9636, 0.2110, 0.3032



65.9636, 0.3226, 0.2572

Complementary

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



65.9636, 0.4052, 0.4241



32.7611, 0.2222, 0.2088

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.



65.9636, 0.2641, 0.2367



65.9636, 0.4052, 0.4241



65.9636, 0.2047, 0.2576

Square

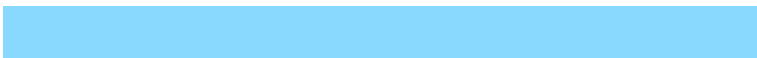
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9636, 0.4052, 0.4241



65.9636, 0.2423, 0.3652



65.9636, 0.2229, 0.2358



65.9636, 0.3839, 0.2930

Rectangle

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



65.9636, 0.4052, 0.4241



65.9636, 0.3138, 0.4316



65.9636, 0.2229, 0.2358



65.9636, 0.3019, 0.2484

Sweetspot

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



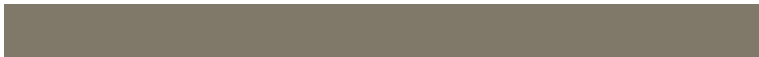
65.9667, 0.4052, 0.4241



91.3253, 0.3368, 0.3565



34.3197, 0.4175, 0.2911



19.3006, 0.3404, 0.3605



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.



65.9667, 0.4052, 0.4241



69.2336, 0.4256, 0.4401



79.9709, 0.3681, 0.4628



18.5076, 0.3275, 0.3462



27.9484, 0.4771, 0.4593



2.6264, 0.4682, 0.4664

Inverse Universe

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



32.7611, 0.2222, 0.2088



28.4680, 0.2031, 0.1788



25.4535, 0.2326, 0.1724



16.6591, 0.2979, 0.3112



5.8817, 0.1593, 0.0933



0.6807, 0.1659, 0.1170

Previews

White Background



This preview shows how the Yxy color 65.9636, 0.4052, 0.4241 looks on a white background.

Color Contrast Check

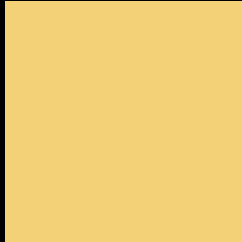
Large Text (above 18pt) WCAG AA × Fail

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 65.9636, 0.4052, 0.4241 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 65.9636, 0.4052, 0.4241

Background



This preview shows how black text looks on a background with the Yxy color 65.9636, 0.4052, 0.4241.



This preview shows how white text looks on a background with the Yxy color 65.9636, 0.4052, 0.4241.

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

65.9636, 0.4052, 0.4241

Protanopia

65.7425, 0.3948, 0.4292

Deuteranopia

66.1117, 0.4081, 0.4027



Tritanopia

65.8877, 0.3444, 0.3136

Trichromacy



Original Color

65.9636, 0.4052, 0.4241

Protanomaly

65.9250, 0.3986, 0.4270

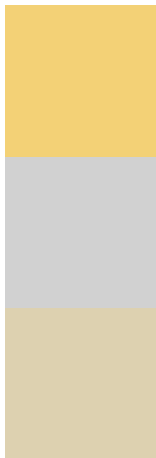
Deuteranomaly

66.1841, 0.4073, 0.4104

Tritanomaly

65.5951, 0.3688, 0.3546

Monochromacy



Original Color

65.9636, 0.4052, 0.4241

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1077, 0.3458, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9636, 0.4052, 0.4241 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(243, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 118)  
}
```

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(243, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 118) }
```

Border

The CSS property to change the border of an element to Yxy 65.9636, 0.4052, 0.4241 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(243, 209, 118) }
```

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

```
.border{ border-color:rgb(243, 209, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 209, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9636, 0.4052, 0.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 118) }
```

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

```
.background{ background-color: rgb(243,  
209, 118) }
```

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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