

Converting Colors

$Yxy(65.2754, 0.4049, 0.4433)$

Have a look what the booklet for
Yxy(65.2754, 0.4049, 0.4433)
contains.

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Color

Yxy(65.3899, 0.4046, 0.4439)

Conversions

Conversions Part 1

Format	Color
Hex	E9D467
RGB	233, 212, 103
RGB Percent	91%, 83%, 40%
CMY	0.0862, 0.1686, 0.5960
CMYK	0.00, 0.09, 0.56, 0.09
HSL	50°, 75%, 66%
HSV	50°, 56%, 91%
XYZ	59.6007, 65.3899, 22.3171
YIQ	205.8530, 47.5050, -29.4470

Conversions

Conversions Part 2

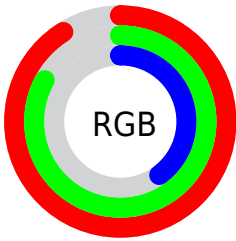
Format	Color
R _Y B	128, 233, 103
Decimal	15324263
CIE Lab	84.68, -6.02, 55.67
CIE LCh	85, 55.997, 96.171
Yxy	65.3899, 0.4046, 0.4439
Android (android.graphics.Color)	4293514343 (0xFFE9D467)
YUV	205.8530, -50.7065, 23.8079
Hunter-Lab	80.8640, -9.9489, 40.2418

Details

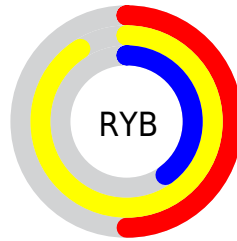
The Yxy color **65.3899, 0.4046, 0.4439** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.1938, 0.2103, 0.1773**, and the grayscale version is **61.9344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2143, 0.3706, 0.4247**, and **33.7980, 0.4221, 0.4680** is the 20% darker color. If you saturate the color by 10%, you get **63.1267, 0.4194, 0.4592**, and if you desaturate by 10%, it is **67.8335, 0.3883, 0.4255**.

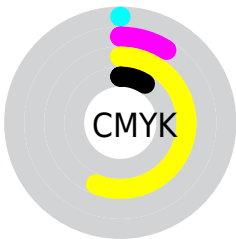
Distribution



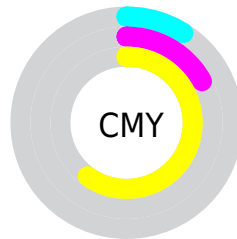
- Red (91%)
- Green (83%)
- Blue (40%)



- Red (50%)
- Yellow (91%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (9%)




- Cyan (9%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3899, 0.4046, 0.4439 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 65.3899, 0.4046, 0.4439 by changing the saturation by 10% instead.


 65.3899, 0.4046,
0.4439


 65.3899, 0.4046,
0.4439


444.1918, 0.3641,
0.3916

 47.7773, 0.4128,
0.4550


 112.6102, 0.3913,
0.4263


 33.6506, 0.4221,
0.4680


 142.9868, 0.3859,
0.4193

 22.6253, 0.4325,
0.4832


 178.3867, 0.3811,
0.4131

 14.3171, 0.4436,
0.5005

 219.1945, 0.3769,
0.4078

 8.3415, 0.4579,
0.5239

265.7945, 0.3731,
0.4030

 4.3142, 0.4612,
0.5388

318.5711, 0.3698,

 1.8509, 0.4525,

0.3988

0.5475

377.9087, 0.3668,
0.3950

■ 0.5186, 0.4002,
0.5998

■ 0.0000, 0.0000,
0.0000

■ 65.3899, 0.4046,
0.4439

■ 65.3899, 0.4046,
0.4439

■ 63.1267, 0.4194,
0.4592

■ 67.8335, 0.3883,
0.4255

■ 61.0234, 0.4321,
0.4706


■ 70.4585, 0.3712,
0.4051

■ 59.0696, 0.4421,
0.4774


■ 73.2772, 0.3541,
0.3837


■ 57.2491, 0.4491,
0.4796

■ 76.2980, 0.3373,
0.3621

 56.5110, 0.4516,
0.4797

 79.5287, 0.3214,
0.3409

 82.9768, 0.3066,
0.3206

 85.9112, 0.2993,
0.3123

 88.1324, 0.2993,
0.3161

 90.3998, 0.2993,
0.3199

Harmonies

Analogous

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



65.3899, 0.4449, 0.4019



65.3899, 0.4046, 0.4439



65.3899, 0.3422, 0.4566

Triad

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



65.3899, 0.4046, 0.4439



65.3899, 0.1941, 0.2841



65.3899, 0.3405, 0.2564

Complementary

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



65.3899, 0.4046, 0.4439



23.1938, 0.2103, 0.1773

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.



65.3899, 0.2714, 0.2291



65.3899, 0.4046, 0.4439



65.3899, 0.1939, 0.2395

Square

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



65.3899, 0.4046, 0.4439



65.3899, 0.2220, 0.3527



65.3899, 0.2202, 0.2223



65.3899, 0.4082, 0.2990

Rectangle

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



65.3899, 0.4046, 0.4439



65.3899, 0.2970, 0.4390



65.3899, 0.2202, 0.2223



65.3899, 0.3164, 0.2453

Sweetspot

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



65.3930, 0.4046, 0.4439



93.1255, 0.3395, 0.3649



28.5039, 0.4521, 0.3058



19.7696, 0.3428, 0.3692



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.



65.3930, 0.4046, 0.4439



77.0480, 0.4216, 0.4612



70.1732, 0.3600, 0.4789



17.1881, 0.3272, 0.3486



32.2148, 0.4510, 0.4801



2.6405, 0.4459, 0.4842

Inverse Universe

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



23.1938, 0.2103, 0.1773



20.6497, 0.1892, 0.1421



21.7324, 0.2370, 0.1636



14.9422, 0.2980, 0.3086



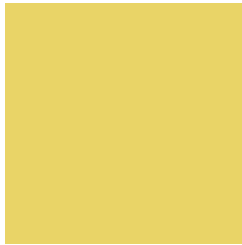
4.2303, 0.1539, 0.0741



0.4501, 0.1601, 0.0961

Previews

White Background



This preview shows how the Yxy color 65.3899, 0.4046, 0.4439 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 65.3899, 0.4046, 0.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

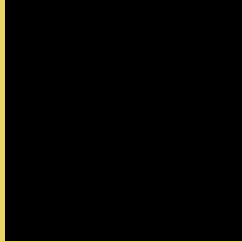
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3899, 0.4046, 0.4439

Background



This preview shows how black text looks on a background with the Yxy color 65.3899, 0.4046, 0.4439.



This preview shows how white text looks on a background with the Yxy color 65.3899, 0.4046, 0.4439.

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

65.3899, 0.4046, 0.4439

Protanopia

65.5587, 0.4054, 0.4435

Deuteranopia

65.4271, 0.4143, 0.4093



Tritanopia

65.2695, 0.3354, 0.3133

Trichromacy



Original Color

65.3899, 0.4046, 0.4439

Protanomaly

65.5587, 0.4054, 0.4435

Deuteranomaly

65.1777, 0.4115, 0.4218

Tritanomaly

64.5924, 0.3632, 0.3618

Monochromacy



Original Color

65.3899, 0.4046, 0.4439

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5753, 0.3472, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3899, 0.4046, 0.4439 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(233, 212, 103)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 103)  
}
```

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(233, 212, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 103) }
```

Border

The CSS property to change the border of an element to Yxy 65.3899, 0.4046, 0.4439 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(233, 212, 103) }
```

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

```
.border{ border-color:rgb(233, 212, 103) }
```

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

Here you see how a box with a 4 pixel rgb(233, 212, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 103);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3899, 0.4046, 0.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 103) }
```

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

```
.background{ background-color: rgb(233,  
212, 103) }
```

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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