

Converting Colors

Yxy(59.9969, 0.3942, 0.4235)

Have a look what the booklet for
Yxy(59.9969, 0.3942, 0.4235)
contains.

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Color

Yxy(60.1886, 0.3943, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	E2CB76
RGB	226, 203, 118
RGB Percent	89%, 80%, 46%
CMY	0.1138, 0.2039, 0.5372
CMYK	0.00, 0.10, 0.48, 0.11
HSL	47°, 65%, 67%
HSV	47°, 48%, 89%
XYZ	55.9858, 60.1886, 25.8134
YIQ	200.1870, 40.9930, -21.5590

Conversions

Conversions Part 2

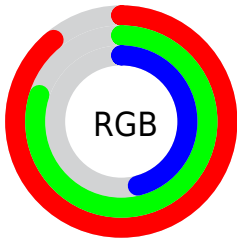
Format	Color
RYB	147, 226, 118
Decimal	14863222
CIELab	81.94, -3.03, 45.08
CIELCh	82, 45.182, 93.841
Yxy	60.1886, 0.3943, 0.4239
Android (android.graphics.Color)	4293053302 (0xFFE2CB76)
YUV	200.1870, -40.5182, 22.6380
Hunter-Lab	77.5813, -6.9546, 34.5796

Details

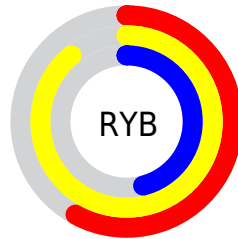
The Yxy color **60.1886, 0.3943, 0.4239** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.3897, 0.2277, 0.2104**, and the grayscale version is **58.1170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7586, 0.3620, 0.4105**, and **30.3352, 0.4127, 0.4452** is the 20% darker color. If you saturate the color by 10%, you get **57.4811, 0.4118, 0.4409**, and if you desaturate by 10%, it is **63.1008, 0.3762, 0.4048**.

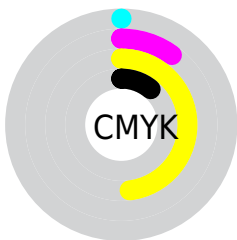
Distribution



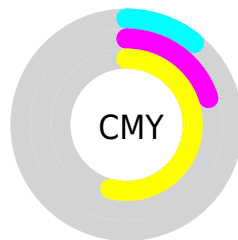
- Red (89%)
- Green (80%)
- Blue (46%)



- Red (58%)
- Yellow (89%)
- Blue (46%)



- Cyan (0%)
- Magenta (10%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1886, 0.3943, 0.4239 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 60.1886, 0.3943, 0.4239 by changing the saturation by 10% instead.


 60.1886, 0.3943,
0.4239


 60.1886, 0.3943,
0.4239


425.2926, 0.3567,
0.3796


 43.5707, 0.4024,
0.4337


 105.1032, 0.3815,
0.4087

 30.3331, 0.4121,
0.4455


 134.1687, 0.3765,
0.4027

 20.0916, 0.4236,
0.4598


 168.1521, 0.3721,
0.3975

 12.4616, 0.4371,
0.4770

207.4379, 0.3682,
0.3930

 7.0589, 0.4528,
0.4979

252.4105, 0.3649,
0.3890

 3.4990, 0.4733,
0.5267

303.4542, 0.3618,

 1.3974, 0.4683,

0.3855

0.5317

360.9534, 0.3592,
0.3824

0.2148, 0.3775,
0.6225

0.0000, 0.0000,
0.0000

60.1886, 0.3943,
0.4239

60.1886, 0.3943,
0.4239

57.4811, 0.4118,
0.4409

63.1008, 0.3762,
0.4048

54.9600, 0.4280,
0.4549


66.2183, 0.3583,
0.3846


52.6168, 0.4420,
0.4647


69.5523, 0.3409,
0.3641

50.4383, 0.4533,
0.4699

73.1104, 0.3246,
0.3440

 48.4069, 0.4617,
0.4705


 76.9000, 0.3095,
0.3248

 47.9681, 0.4633,
0.4703

 80.9279, 0.2956,
0.3067

 83.7584, 0.2949,
0.3103

 86.5743, 0.2950,
0.3152

 89.4654, 0.2950,
0.3202

Harmonies

Analogous

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



60.1886, 0.4248, 0.3892



60.1886, 0.3943, 0.4239



60.1886, 0.3433, 0.4343

Triad

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



60.1886, 0.3943, 0.4239



60.1886, 0.2133, 0.2967



60.1886, 0.3317, 0.2650

Complementary

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



60.1886, 0.3943, 0.4239



28.3897, 0.2277, 0.2104

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.



60.1886, 0.2745, 0.2428



60.1886, 0.3943, 0.4239



60.1886, 0.2109, 0.2565

Square

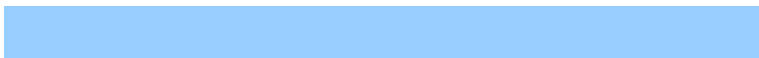
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.1886, 0.3943, 0.4239



60.1886, 0.2397, 0.3539



60.1886, 0.2320, 0.2389



60.1886, 0.3881, 0.3012

Rectangle

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



60.1886, 0.3943, 0.4239



60.1886, 0.3052, 0.4210



60.1886, 0.2320, 0.2389



60.1886, 0.3118, 0.2558

Sweetspot

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



60.1914, 0.3943, 0.4239



93.1601, 0.3348, 0.3567



31.0633, 0.4150, 0.3020



19.7259, 0.3384, 0.3610



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.



60.1914, 0.3943, 0.4239



75.7324, 0.4111, 0.4403



67.3430, 0.3592, 0.4558



15.5087, 0.3272, 0.3473



27.5509, 0.4625, 0.4710



2.0348, 0.4546, 0.4773

Inverse Universe

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



28.3897, 0.2277, 0.2104



29.4358, 0.2095, 0.1819



24.8056, 0.2458, 0.1874



13.7135, 0.2981, 0.3100



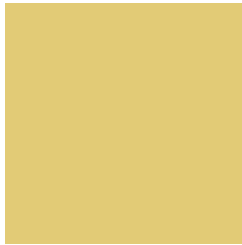
4.4826, 0.1562, 0.0823



0.4409, 0.1640, 0.1105

Previews

White Background



This preview shows how the Yxy color 60.1886, 0.3943, 0.4239 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 60.1886, 0.3943, 0.4239 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 60.1886, 0.3943, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 60.1886, 0.3943, 0.4239.



This preview shows how white text looks on a background with the Yxy color 60.1886, 0.3943, 0.4239.

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

60.1886, 0.3943, 0.4239

Protanopia

60.1817, 0.3913, 0.4259

Deuteranopia

59.8961, 0.4166, 0.4064



Tritanopia

59.8664, 0.3363, 0.3127

Trichromacy



Original Color

60.1886, 0.3943, 0.4239

Protanomaly

60.3410, 0.3921, 0.4255

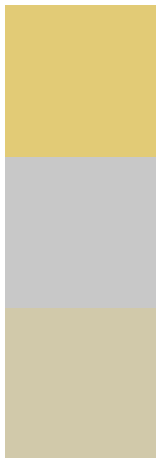
Deuteranomaly

59.7897, 0.4088, 0.4126

Tritanomaly

59.7308, 0.3587, 0.3527

Monochromacy



Original Color

60.1886, 0.3943, 0.4239

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2309, 0.3422, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1886, 0.3943, 0.4239 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(226, 203, 118)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 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(226, 203, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 118) }
```

Border

The CSS property to change the border of an element to Yxy 60.1886, 0.3943, 0.4239 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(226, 203, 118) }
```

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

```
.border{ border-color:rgb(226, 203, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 118);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1886, 0.3943, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 118) }
```

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

```
.background{ background-color: rgb(226,  
203, 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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