

Converting Colors

Yxy(61.2119, 0.4374, 0.4862)

Have a look what the booklet for
Yxy(61.2119, 0.4374, 0.4862)
contains.

Yxy(61.1857, 0.4379, 0.4858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.1857, 0.4379, 0.4858)

Conversions

Conversions Part 1

Format	Color
Hex	E7CE15
RGB	231, 206, 21
RGB Percent	91%, 81%, 8%
CMY	0.0943, 0.1921, 0.9178
CMYK	0.00, 0.11, 0.91, 0.09
HSL	53°, 83%, 49%
HSV	53°, 91%, 91%
XYZ	55.1528, 61.1857, 9.6099
YIQ	192.3850, 74.2850, -52.2350

Conversions

Conversions Part 2

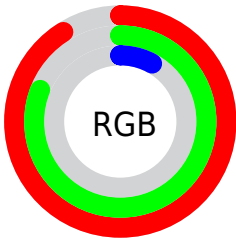
Format	Color
R _Y B	49, 231, 21
Decimal	15191573
CIE Lab	82.48, -7.43, 80.74
CIE LCh	82, 81.086, 95.261
Yxy	61.1857, 0.4379, 0.4858
Android (android.graphics.Color)	4293381653 (0xFFE7CE15)
YUV	192.3850, -84.4928, 33.8654
Hunter-Lab	78.2213, -11.0293, 47.4708

Details

The Yxy color **61.1857, 0.4379, 0.4858** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **7.8729, 0.1573, 0.0789**, and the grayscale version is **53.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5527, 0.4017, 0.4761**, and **31.1144, 0.4402, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **59.9453, 0.4422, 0.4871**, and if you desaturate by 10%, it is **62.6496, 0.4308, 0.4808**.

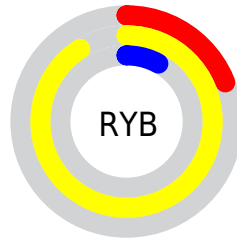
Distribution



Red (91%)

Green (81%)

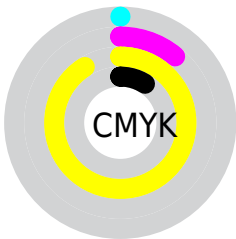
Blue (8%)



Red (19%)

Yellow (91%)

Blue (8%)

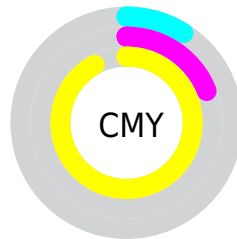


Cyan (0%)

Magenta (11%)

Yellow (91%)

Black (9%)



Cyan (9%)


Magenta (19%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1857, 0.4379, 0.4858 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 61.1857, 0.4379, 0.4858 by changing the saturation by 10% instead.


 61.1857, 0.4379,
0.4858


 61.1857, 0.4379,
0.4858

428.9546, 0.3874,
0.4190


 44.3751, 0.4459,
0.4976


 106.5478, 0.4230,
0.4650

 30.9655, 0.4535,
0.5101


 135.8680, 0.4164,
0.4562


 20.5726, 0.4601,
0.5226


 170.1268, 0.4103,
0.4482

 12.8119, 0.4649,
0.5351

 209.7087, 0.4048,
0.4411

 7.2992, 0.4602,
0.5398

 254.9980, 0.3998,
0.4347

 3.6499, 0.4530,
0.5470

 306.3792, 0.3953,

 1.4797, 0.4407,

0.4289

0.5593

364.2366, 0.3912,
0.4237

■ 0.2744, 0.2242,
0.7758

■ 0.0000, 0.0000,
0.0000

■ 61.1857, 0.4379,
0.4858

■ 61.1857, 0.4379,
0.4858

■ 59.9453, 0.4422,
0.4871

■ 62.6496, 0.4308,
0.4808

■ 64.2302, 0.4209,
0.4712

■ 65.9447, 0.4085,
0.4573

■ 67.8048, 0.3941,
0.4398

■ 69.8210, 0.3783,
0.4196

■ 72.0024, 0.3619,
0.3978

■ 74.3576, 0.3454,
0.3753

■ 76.8943, 0.3294,
0.3528

■ 79.6198, 0.3141,
0.3310

Harmonies

Analogous

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



61.1857, 0.4999, 0.4176



61.1857, 0.4379, 0.4858



61.1857, 0.3493, 0.5217

Triad

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



61.1857, 0.4379, 0.4858



61.1857, 0.1491, 0.2610



61.1857, 0.3478, 0.2264

Complementary

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



61.1857, 0.4379, 0.4858



7.8729, 0.1573, 0.0789

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.



61.1857, 0.2490, 0.1914



61.1857, 0.4379, 0.4858



61.1857, 0.1496, 0.2021

Square

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



61.1857, 0.4379, 0.4858



61.1857, 0.1840, 0.3646



61.1857, 0.1821, 0.1818



61.1857, 0.4509, 0.2813

Rectangle

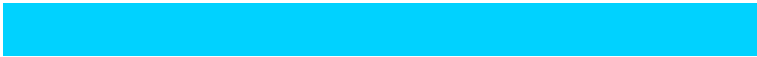
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1857, 0.4379, 0.4858



61.1857, 0.2863, 0.5027



61.1857, 0.1821, 0.1818



61.1857, 0.3123, 0.2122

Sweetspot

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



61.1886, 0.4379, 0.4858



91.2242, 0.3556, 0.3893



17.7391, 0.6024, 0.3165



19.3139, 0.3613, 0.3971



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.



61.1886, 0.4379, 0.4858



74.9541, 0.4424, 0.4870



64.0518, 0.3594, 0.5478



16.5095, 0.3270, 0.3495



33.7390, 0.4418, 0.4874



2.5762, 0.4381, 0.4904

Inverse Universe

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



7.8729, 0.1573, 0.0789



8.1633, 0.1520, 0.0670



8.8967, 0.1880, 0.0848



14.1615, 0.2980, 0.3076



3.7783, 0.1525, 0.0689



0.3705, 0.1578, 0.0882

Previews

White Background



This preview shows how the Yxy color 61.1857, 0.4379, 0.4858 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 61.1857, 0.4379, 0.4858 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 61.1857, 0.4379, 0.4858

Background



This preview shows how black text looks on a background with the Yxy color 61.1857, 0.4379, 0.4858.



This preview shows how white text looks on a background with the Yxy color 61.1857, 0.4379, 0.4858.

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

61.1857, 0.4379, 0.4858

Protanopia

61.3526, 0.4387, 0.4851

Deuteranopia

61.2209, 0.4498, 0.4428



Tritanopia

61.2102, 0.3436, 0.3142

Trichromacy



Original Color

61.1857, 0.4379, 0.4858

Protanomaly

61.3526, 0.4387, 0.4851

Deuteranomaly

61.1677, 0.4472, 0.4611

Tritanomaly

60.1473, 0.3930, 0.3925

Monochromacy



Original Color

61.1857, 0.4379, 0.4858

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.6660, 0.3713, 0.4105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1857, 0.4379, 0.4858 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(231, 206, 21)` looks like.

```
.text, #text, p{  
    color:rgb(231, 206, 21)  
}
```

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(231, 206, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 206, 21) }
```

Border

The CSS property to change the border of an element to Yxy 61.1857, 0.4379, 0.4858 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(231, 206, 21) }
```

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

```
.border{ border-color:rgb(231, 206, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 206, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 206, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 206, 21);  
box-shadow:4px 4px 4px 4px rgb(231, 206,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1857, 0.4379, 0.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 206, 21) }
```

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

```
.background{ background-color: rgb(231,  
206, 21) }
```

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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