

Converting Colors

$Y_{xy}(59.1205, 0.4153, 0.5102)$

Have a look what the booklet for
Yxy(59.1205, 0.4153, 0.5102)
contains.

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Color

Yxy(59.0723, 0.4152, 0.5086)

Conversions

Conversions Part 1

Format	Color
Hex	CDD200
RGB	205, 210, 0
RGB Percent	80%, 82%, 0%
CMY	0.1960, 0.1765, 1.0000
CMYK	0.02, 0.00, 1.00, 0.18
HSL	61°, 100%, 41%
HSV	61°, 100%, 82%
XYZ	48.2242, 59.0723, 8.8504
YIQ	184.5650, 64.4300, -66.3700

Conversions

Conversions Part 2

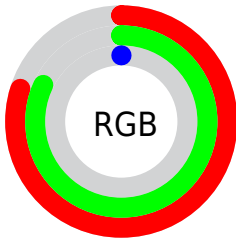
Format	Color
RYB	0, 210, 5
Decimal	13488640
CIELab	81.33, -20.74, 81.18
CIELCh	81, 83.784, 104.332
Yxy	59.0723, 0.4152, 0.5086
Android (android.graphics.Color)	4291678720 (0xFFCDD200)
YUV	184.5650, -90.9905, 17.9215
Hunter-Lab	76.8585, -22.5042, 46.9736

Details

The Yxy color **59.0723, 0.4152, 0.5086** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4.6856, 0.1506, 0.0603**, and the grayscale version is **48.7525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4519, 0.4038, 0.4797**, and **29.8879, 0.4083, 0.5140** is the 20% darker color. If you saturate the color by 10%, you get **59.0758, 0.4152, 0.5086**, and if you desaturate by 10%, it is **59.2010, 0.4135, 0.5048**.

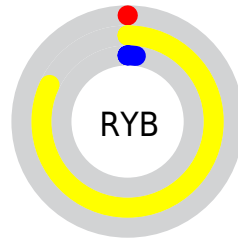
Distribution



Red (80%)

Green (82%)

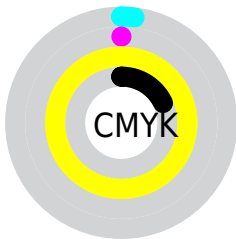
Blue (0%)



Red (0%)

Yellow (82%)

Blue (2%)

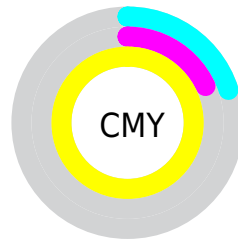


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0723, 0.4152, 0.5086 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 59.0723, 0.4152, 0.5086 by changing the saturation by 10% instead.

 59.0723, 0.4152,
0.5086


 59.0723, 0.4152,
0.5086


421.1698, 0.3763,
0.4281


 42.6713, 0.4202,
0.5240


 103.4827, 0.4046,
0.4826


 29.6273, 0.4239,
0.5408


 132.2610, 0.3995,
0.4719

 19.5559, 0.4258,
0.5596


 165.9338, 0.3948,
0.4623

 12.0726, 0.4222,
0.5778

 204.8855, 0.3905,
0.4539

 6.7932, 0.4080,
0.5920

 249.5006, 0.3865,
0.4463

 3.3331, 0.3859,
0.6141

 300.1634, 0.3828,

 1.3080, 0.3440,

0.4396

0.6560

357.2583, 0.3794,
0.4335

■ 0.1474, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0723, 0.4152,
0.5086

■ 59.0723, 0.4152,
0.5086

■ 59.0758, 0.4152,
0.5086

■ 59.2010, 0.4135,
0.5048

■ 59.3854, 0.4098,
0.4974

■ 59.6487, 0.4034,
0.4858

■ 60.0018, 0.3945,
0.4699

■ 60.4537, 0.3834,
0.4503

■ 61.0124, 0.3705,
0.4279

■ 61.6852, 0.3565,
0.4037

■ 62.4785, 0.3418,
0.3786

■ 63.3985, 0.3271,
0.3535

Harmonies

Analogous

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



59.0723, 0.4912, 0.4415



59.0723, 0.4152, 0.5086



59.0723, 0.3196, 0.5278

Triad

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



59.0723, 0.4152, 0.5086



59.0723, 0.1401, 0.2341



59.0723, 0.3834, 0.2380

Complementary

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



59.0723, 0.4152, 0.5086



4.6856, 0.1506, 0.0603

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.



59.0723, 0.2743, 0.1950



59.0723, 0.4152, 0.5086



59.0723, 0.1507, 0.1873

Square

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



59.0723, 0.4152, 0.5086



59.0723, 0.1638, 0.3286



59.0723, 0.1943, 0.1768



59.0723, 0.4825, 0.2986

Rectangle

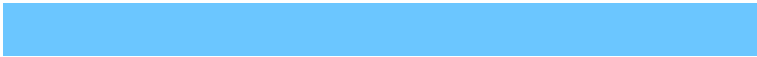
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0723, 0.4152, 0.5086



59.0723, 0.2559, 0.4882



59.0723, 0.1943, 0.1768



59.0723, 0.3454, 0.2212

Sweetspot

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



59.0758, 0.4152, 0.5086



95.6711, 0.3570, 0.4045



13.7782, 0.6390, 0.3308



20.3781, 0.3631, 0.4150



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.



59.0758, 0.4152, 0.5086



91.6481, 0.4151, 0.5086



48.8909, 0.3338, 0.5732



13.7827, 0.3262, 0.3520



36.0404, 0.4152, 0.5085



2.0198, 0.4160, 0.5079

Inverse Universe

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



4.6856, 0.1506, 0.0603



7.2591, 0.1505, 0.0603



7.8731, 0.2048, 0.0902



11.4309, 0.2985, 0.3050



2.8642, 0.1508, 0.0605



0.1650, 0.1535, 0.0619

Previews

White Background



This preview shows how the Yxy color 59.0723, 0.4152, 0.5086 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 59.0723, 0.4152, 0.5086 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 59.0723, 0.4152, 0.5086

Background



This preview shows how black text looks on a background with the Yxy color 59.0723, 0.4152, 0.5086.



This preview shows how white text looks on a background with the Yxy color 59.0723, 0.4152, 0.5086.

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

59.0723, 0.4152, 0.5086

Protanopia

58.7350, 0.4412, 0.4879

Deuteranopia

58.6314, 0.4686, 0.4568



Tritanopia

58.7434, 0.3207, 0.3121

Trichromacy



Original Color

59.0723, 0.4152, 0.5086

Protanomaly

58.8783, 0.4319, 0.4953

Deuteranomaly

58.4468, 0.4500, 0.4760

Tritanomaly

57.3259, 0.3741, 0.4070

Monochromacy



Original Color

59.0723, 0.4152, 0.5086

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

51.0980, 0.3690, 0.4256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0723, 0.4152, 0.5086 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(205, 210, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 0)  
}
```

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(205, 210, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 0) }
```

Border

The CSS property to change the border of an element to Yxy 59.0723, 0.4152, 0.5086 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(205, 210, 0) }
```

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

```
.border{ border-color:rgb(205, 210, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0723, 0.4152, 0.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 0) }
```

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

```
.background{ background-color: rgb(205,  
210, 0) }
```

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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