

Converting Colors

$Y_{xy}(59.2778, 0.3953, 0.4642)$

Have a look what the booklet for
Yxy(59.2778, 0.3953, 0.4642)
contains.

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Color

Yxy(59.3716, 0.3954, 0.4638)

Conversions

Conversions Part 1

Format	Color
Hex	D1D058
RGB	209, 208, 88
RGB Percent	82%, 82%, 35%
CMY	0.1803, 0.1843, 0.6549
CMYK	0.00, 0.00, 0.58, 0.18
HSL	59°, 57%, 58%
HSV	59°, 58%, 82%
XYZ	50.6156, 59.3716, 18.0240
YIQ	194.6190, 39.1160, -37.1080

Conversions

Conversions Part 2

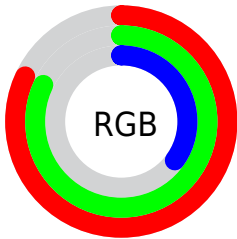
Format	Color
R_{YB}	89, 209, 88
Decimal	13750360
CIE _{Lab}	81.50, -14.96, 58.28
CIE _{LCh}	81, 60.171, 104.398
Yxy	59.3716, 0.3954, 0.4638
Android (android.graphics.Color)	4291940440 (0xFFD1D058)
YUV	194.6190, -52.5632, 12.6121
Hunter-Lab	77.0530, -17.5871, 40.0682

Details

The Yxy color **59.3716, 0.3954, 0.4638** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **13.8269, 0.2013, 0.1457**, and the grayscale version is **54.6386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7330, 0.3788, 0.4382**, and **29.8909, 0.4094, 0.4942** is the 20% darker color. If you saturate the color by 10%, you get **58.9905, 0.4054, 0.4800**, and if you desaturate by 10%, it is **59.8576, 0.3832, 0.4441**.

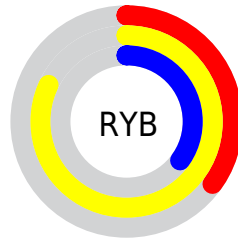
Distribution



Red (82%)

Green (82%)

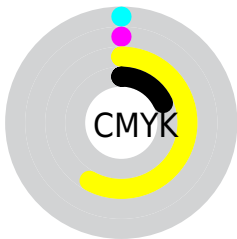
Blue (35%)



Red (35%)

Yellow (82%)

Blue (35%)

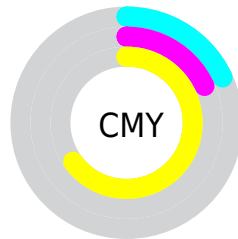


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (18%)



Cyan (18%)


Magenta (18%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3716, 0.3954, 0.4638 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 59.3716, 0.3954, 0.4638 by changing the saturation by 10% instead.


 59.3716, 0.3954,
0.4638

 59.3716, 0.3954,
0.4638


422.2776, 0.3597,
0.4003

 42.9123, 0.4021,
0.4777


 103.9176, 0.3840,
0.4420

 29.8163, 0.4094,
0.4942


 132.7730, 0.3792,
0.4335

 19.6992, 0.4167,
0.5137

 166.5293, 0.3750,
0.4260

 12.1766, 0.4229,
0.5363

 205.5709, 0.3713,
0.4195

 6.8641, 0.4308,
0.5692

250.2821, 0.3679,
0.4138

 3.3772, 0.4153,
0.5847

301.0474, 0.3649,

 1.3317, 0.3880,

0.4088

0.6120

358.2511, 0.3622,
0.4043

0.1656, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.3716, 0.3954,
0.4638

59.3716, 0.3954,
0.4638

58.9905, 0.4054,
0.4800

59.8576, 0.3832,
0.4441

58.6972, 0.4130,
0.4920


60.4479, 0.3695,
0.4217


58.4844, 0.4179,
0.4997


61.1523, 0.3547,
0.3977

58.3371, 0.4204,
0.5035


61.9771, 0.3395,
0.3728

 58.3095, 0.4208,
0.5041

 62.9281, 0.3244,
0.3481

 64.0110, 0.3097,
0.3240

 65.2309, 0.2958,
0.3012

 66.5789, 0.2829,
0.2800

 66.6654, 0.2829,
0.2802

Harmonies

Analogous

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



59.3716, 0.4490, 0.4218



59.3716, 0.3954, 0.4638



59.3716, 0.3234, 0.4670

Triad

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



59.3716, 0.3954, 0.4638



59.3716, 0.1802, 0.2620



59.3716, 0.3652, 0.2608

Complementary

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



59.3716, 0.3954, 0.4638



13.8269, 0.2013, 0.1457

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.



59.3716, 0.2862, 0.2262



59.3716, 0.3954, 0.4638



59.3716, 0.1880, 0.2226

Square

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



59.3716, 0.3954, 0.4638



59.3716, 0.2015, 0.3318



59.3716, 0.2239, 0.2121



59.3716, 0.4349, 0.3099

Rectangle

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



59.3716, 0.3954, 0.4638



59.3716, 0.2747, 0.4375



59.3716, 0.2239, 0.2121



59.3716, 0.3383, 0.2472

Sweetspot

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



59.3743, 0.3954, 0.4638



97.2833, 0.3384, 0.3711



21.2760, 0.4865, 0.3272



20.7624, 0.3415, 0.3761



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.



59.3743, 0.3954, 0.4638



92.4043, 0.4071, 0.4826



52.8486, 0.3462, 0.4913



13.7798, 0.3266, 0.3518



35.9527, 0.4208, 0.5041



2.0159, 0.4205, 0.5043

Inverse Universe

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



13.8269, 0.2013, 0.1457



14.6997, 0.1791, 0.1088



17.7401, 0.2518, 0.1658



11.4334, 0.2982, 0.3052



2.8691, 0.1502, 0.0606



0.1662, 0.1507, 0.0625

Previews

White Background



This preview shows how the Yxy color 59.3716, 0.3954, 0.4638 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 59.3716, 0.3954, 0.4638 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 59.3716, 0.3954, 0.4638

Background



This preview shows how black text looks on a background with the Yxy color 59.3716, 0.3954, 0.4638.



This preview shows how white text looks on a background with the Yxy color 59.3716, 0.3954, 0.4638.

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

59.3716, 0.3954, 0.4638

Protanopia

59.3913, 0.4132, 0.4537

Deuteranopia

59.2366, 0.4378, 0.4291



Tritanopia

59.1055, 0.3215, 0.3111

Trichromacy



Original Color

59.3716, 0.3954, 0.4638

Protanomaly

59.4108, 0.4063, 0.4574

Deuteranomaly

58.8057, 0.4223, 0.4407

Tritanomaly

58.8134, 0.3522, 0.3689

Monochromacy



Original Color

59.3716, 0.3954, 0.4638

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.9882, 0.3456, 0.3833

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3716, 0.3954, 0.4638 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(209, 208, 88)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 88)  
}
```

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(209, 208, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 88) }
```

Border

The CSS property to change the border of an element to Yxy 59.3716, 0.3954, 0.4638 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(209, 208, 88) }
```

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

```
.border{ border-color:rgb(209, 208, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 208, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 88);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3716, 0.3954, 0.4638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 88) }
```

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

```
.background{ background-color: rgb(209,  
208, 88) }
```

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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