

Converting Colors

$Yxy(54.5757, 0.3757, 0.5387)$

Have a look what the booklet for
Yxy(54.5757, 0.3757, 0.5387)
contains.

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Color

Yxy(54.5715, 0.3758, 0.5387)

Conversions

Conversions Part 1

Format	Color
Hex	A0D405
RGB	160, 212, 5
RGB Percent	63%, 83%, 2%
CMY	0.3725, 0.1686, 0.9815
CMYK	0.25, 0.00, 0.98, 0.17
HSL	75°, 96%, 42%
HSV	75°, 98%, 83%
XYZ	38.0694, 54.5715, 8.6613
YIQ	172.8540, 35.4550, -75.4010

Conversions

Conversions Part 2

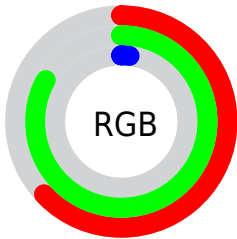
Format	Color
R _Y B	5, 212, 57
Decimal	10540037
CIE Lab	78.79, -40.03, 77.42
CIE LCh	79, 87.158, 117.339
Yxy	54.5715, 0.3758, 0.5387
Android (android.graphics.Color)	4288730117 (0xFFA0D405)
YUV	172.8540, -82.7520, -11.2730
Hunter-Lab	73.8725, -37.2890, 44.7592

Details

The Yxy color **54.5715, 0.3758, 0.5387** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5.7167, 0.1659, 0.0697**, and the grayscale version is **42.1135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2520, 0.3786, 0.4956**, and **26.9387, 0.3597, 0.5526** is the 20% darker color. If you saturate the color by 10%, you get **54.4425, 0.3752, 0.5403**, and if you desaturate by 10%, it is **55.1976, 0.3778, 0.5304**.

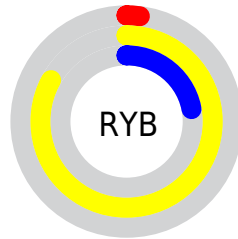
Distribution



Red (63%)

Green (83%)

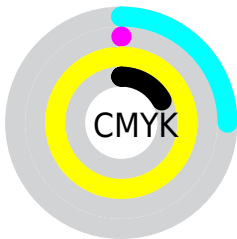
Blue (2%)



Red (2%)

Yellow (83%)

Blue (22%)

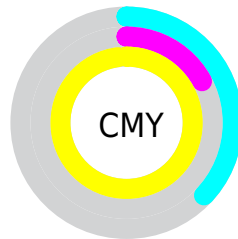


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (17%)



Cyan (37%)


Magenta (17%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5715, 0.3758, 0.5387 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 54.5715, 0.3758, 0.5387 by changing the saturation by 10% instead.

 54.5715, 0.3758,
0.5387


 54.5715, 0.3758,
0.5387

404.2856, 0.3561,
0.4373

 39.0588, 0.3761,
0.5604


 96.9129, 0.3720,
0.5041


 26.8054, 0.3739,
0.5855


 124.5103, 0.3696,
0.4904

 17.4272, 0.3679,
0.6156


 156.9047, 0.3671,
0.4784

 10.5395, 0.3525,
0.6475

 194.4805, 0.3646,
0.4680

 5.7581, 0.3213,
0.6787

 237.6221, 0.3623,
0.4589

 2.6986, 0.2725,
0.7275

 286.7138, 0.3601,

 0.9765, 0.0000,

0.4509

1.0000

342.1402, 0.3580,
0.4437

■ 0.0000, 0.0000,
0.0000

■ 54.5715, 0.3758,
0.5387

■ 54.5715, 0.3758,
0.5387

■ 54.4425, 0.3752,
0.5403

■ 55.1976, 0.3778,
0.5304

■ 55.9131, 0.3775,
0.5175

■ 56.7357, 0.3745,
0.5001

■ 57.6762, 0.3692,
0.4786

■ 58.7440, 0.3617,
0.4541

■ 59.9473, 0.3527,
0.4278

■ 61.2937, 0.3426,
0.4008

■ 62.7898, 0.3319,
0.3740

■ 64.4421, 0.3210,
0.3481

Harmonies

Analogous

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



54.5715, 0.4684, 0.4784



54.5715, 0.3758, 0.5387



54.5715, 0.2736, 0.5213

Triad

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



54.5715, 0.3758, 0.5387



54.5715, 0.1325, 0.2012



54.5715, 0.4386, 0.2585

Complementary

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



54.5715, 0.3758, 0.5387



5.7167, 0.1659, 0.0697

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.



54.5715, 0.3193, 0.2047



54.5715, 0.3758, 0.5387



54.5715, 0.1579, 0.1711

Square

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



54.5715, 0.3758, 0.5387



54.5715, 0.1403, 0.2773



54.5715, 0.2191, 0.1741



54.5715, 0.5213, 0.3259

Rectangle

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



54.5715, 0.3758, 0.5387



54.5715, 0.2124, 0.4501



54.5715, 0.2191, 0.1741



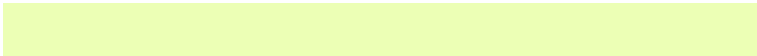
54.5715, 0.3997, 0.2385

Sweetspot

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



54.5739, 0.3758, 0.5387



92.7691, 0.3442, 0.4049



16.8879, 0.6039, 0.3563



19.6650, 0.3486, 0.4166



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.



54.5739, 0.3758, 0.5387



82.6030, 0.3748, 0.5406



47.9547, 0.3105, 0.5902



14.3559, 0.3228, 0.3523



33.6587, 0.3759, 0.5398



2.0681, 0.3837, 0.5335

Inverse Universe

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



5.7167, 0.1659, 0.0697



8.3083, 0.1631, 0.0672



12.3479, 0.2593, 0.1209



12.1577, 0.3020, 0.3052



3.4448, 0.1650, 0.0683



0.2473, 0.1830, 0.0782

Previews

White Background



This preview shows how the Yxy color 54.5715, 0.3758, 0.5387 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 54.5715, 0.3758, 0.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

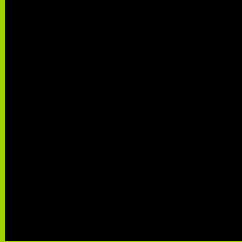
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5715, 0.3758, 0.5387

Background



This preview shows how black text looks on a background with the Yxy color 54.5715, 0.3758, 0.5387.



This preview shows how white text looks on a background with the Yxy color 54.5715, 0.3758, 0.5387.

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

54.5715, 0.3758, 0.5387

Protanopia

54.0903, 0.4402, 0.4887

Deuteranopia

53.8399, 0.4659, 0.4547



Tritanopia

54.3203, 0.2879, 0.3092

Trichromacy



Original Color

54.5715, 0.3758, 0.5387

Protanomaly

53.7834, 0.4165, 0.5070

Deuteranomaly

52.9588, 0.4334, 0.4861

Tritanomaly

52.8179, 0.3356, 0.4156

Monochromacy



Original Color

54.5715, 0.3758, 0.5387

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

45.0353, 0.3544, 0.4332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5715, 0.3758, 0.5387 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(160, 212, 5)` looks like.

```
.text, #text, p{  
    color:rgb(160, 212, 5)  
}
```

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(160, 212, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 212, 5) }
```

Border

The CSS property to change the border of an element to Yxy 54.5715, 0.3758, 0.5387 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(160, 212, 5) }
```

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

```
.border{ border-color:rgb(160, 212, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 212, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 212, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 212, 5);  
box-shadow:4px 4px 4px 4px rgb(160, 212,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5715, 0.3758, 0.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 212, 5) }
```

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

```
.background{ background-color: rgb(160,  
212, 5) }
```

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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