

Converting Colors

$Yxy(55.4603, 0.3551, 0.5411)$

Have a look what the booklet for
Yxy(55.4603, 0.3551, 0.5411)
contains.

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Color

Yxy(55.6053, 0.3552, 0.5412)

Conversions

Conversions Part 1

Format	Color
Hex	8FD926
RGB	143, 217, 38
RGB Percent	56%, 85%, 15%
CMY	0.4391, 0.1490, 0.8509
CMYK	0.34, 0.00, 0.82, 0.15
HSL	85°, 70%, 50%
HSV	85°, 82%, 85%
XYZ	36.4948, 55.6053, 10.6443
YIQ	174.4680, 13.3550, -71.3570

Conversions

Conversions Part 2

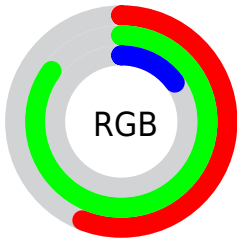
Format	Color
RYB	38, 217, 112
Decimal	9427238
CIELab	79.39, -47.74, 72.33
CIELCh	79, 86.667, 123.429
Yxy	55.6053, 0.3552, 0.5412
Android (android.graphics.Color)	4287617318 (0xFF8FD926)
YUV	174.4680, -67.2787, -27.5974
Hunter-Lab	74.5690, -43.1359, 43.7349

Details

The Yxy color **55.6053, 0.3552, 0.5412** 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 **9.8415, 0.2068, 0.1023**, and the grayscale version is **42.9353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0161, 0.3613, 0.4917**, and **27.7720, 0.3407, 0.5677** is the 20% darker color. If you saturate the color by 10%, you get **54.7371, 0.3520, 0.5544**, and if you desaturate by 10%, it is **56.6239, 0.3560, 0.5227**.

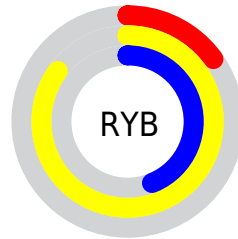
Distribution



Red (56%)

Green (85%)

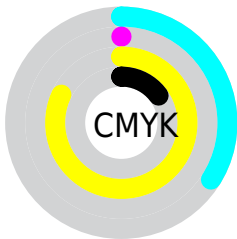
Blue (15%)



Red (15%)

Yellow (85%)

Blue (44%)

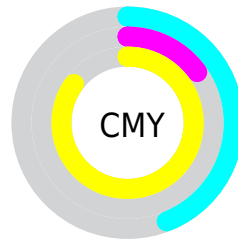


Cyan (34%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (44%)


Magenta (15%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6053, 0.3552, 0.5412 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 55.6053, 0.3552, 0.5412 by changing the saturation by 10% instead.


 55.6053, 0.3552,
0.5412

 55.6053, 0.3552,
0.5412


408.2023, 0.3444,
0.4358


 39.8866, 0.3540,
0.5650

 98.4272, 0.3541,
0.5043

 27.4501, 0.3502,
0.5935


 126.2992, 0.3529,
0.4900


 17.9116, 0.3415,
0.6271


 158.9911, 0.3514,
0.4776

 10.8865, 0.3274,
0.6726

 196.8872, 0.3499,
0.4670

 5.9906, 0.2911,
0.7089

 240.3720, 0.3485,
0.4577

 2.8393, 0.2356,
0.7644


 289.8299, 0.3470,


 1.0484, 0.0000,


0.4495


1.0000

345.6452, 0.3457,
0.4423


 0.0000, 0.0000,
0.0000


 55.6053, 0.3552,
0.5412


 55.6053, 0.3552,
0.5412


 54.7371, 0.3520,
0.5544


 56.6239, 0.3560,
0.5227

 54.1616, 0.3485,
0.5615

 57.7994, 0.3545,
0.4997

 59.1458, 0.3508,
0.4734

 60.6736, 0.3453,
0.4451

 62.3919, 0.3385,
0.4162

■ 64.3094, 0.3309,
0.3877

■ 66.4339, 0.3229,
0.3605

■ 68.7729, 0.3147,
0.3350

■ 71.3333, 0.3067,
0.3116

Harmonies

Analogous

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



55.6053, 0.4505, 0.4924



55.6053, 0.3552, 0.5412



55.6053, 0.2547, 0.5015

Triad

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



55.6053, 0.3552, 0.5412



55.6053, 0.1365, 0.1933



55.6053, 0.4587, 0.2721

Complementary

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



55.6053, 0.3552, 0.5412



9.8415, 0.2068, 0.1023

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.



55.6053, 0.3431, 0.2150



55.6053, 0.3552, 0.5412



55.6053, 0.1685, 0.1708

Square

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



55.6053, 0.3552, 0.5412



55.6053, 0.1374, 0.2583



55.6053, 0.2372, 0.1795



55.6053, 0.5266, 0.3408

Rectangle

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



55.6053, 0.3552, 0.5412



55.6053, 0.1979, 0.4214



55.6053, 0.2372, 0.1795



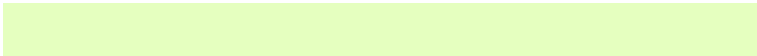
55.6053, 0.4225, 0.2513

Sweetspot

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



55.6077, 0.3552, 0.5412



91.8937, 0.3330, 0.3954



25.9603, 0.5268, 0.3964



19.4583, 0.3358, 0.4055



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.



55.6077, 0.3552, 0.5412



78.0732, 0.3484, 0.5611



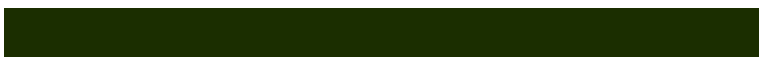
50.6037, 0.3059, 0.5778



14.9818, 0.3204, 0.3525



32.8503, 0.3494, 0.5608



2.1783, 0.3606, 0.5519

Inverse Universe

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



9.8415, 0.2068, 0.1023



10.3938, 0.1858, 0.0800



18.5534, 0.3001, 0.1513



12.8787, 0.3045, 0.3053



4.3974, 0.1871, 0.0804



0.3346, 0.2056, 0.0906

Previews

White Background



This preview shows how the Yxy color 55.6053, 0.3552, 0.5412 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 55.6053, 0.3552, 0.5412 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 55.6053, 0.3552, 0.5412

Background



This preview shows how black text looks on a background with the Yxy color 55.6053, 0.3552, 0.5412.



This preview shows how white text looks on a background with the Yxy color 55.6053, 0.3552, 0.5412.

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

55.6053, 0.3552, 0.5412

Protanopia

54.7998, 0.4357, 0.4822

Deuteranopia

54.9865, 0.4592, 0.4489



Tritanopia

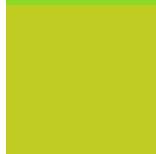
55.3023, 0.2754, 0.3090

Trichromacy



Original Color

55.6053, 0.3552, 0.5412



Protanomaly

54.5077, 0.4044, 0.5053



Deuteranomaly

53.7096, 0.4205, 0.4824



Tritanomaly

54.0937, 0.3122, 0.4024

Monochromacy



Original Color

55.6053, 0.3552, 0.5412



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

46.0941, 0.3394, 0.4204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6053, 0.3552, 0.5412 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(143, 217, 38)` looks like.

```
.text, #text, p{  
    color:rgb(143, 217, 38)  
}
```

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(143, 217, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 217, 38) }
```

Border

The CSS property to change the border of an element to Yxy 55.6053, 0.3552, 0.5412 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(143, 217, 38) }
```

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

```
.border{ border-color:rgb(143, 217, 38) }
```

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

Here you see how a box with a 4 pixel rgb(143, 217, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 217, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 217, 38);  
box-shadow:4px 4px 4px 4px rgb(143, 217,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6053, 0.3552, 0.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 217, 38) }
```

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

```
.background{ background-color: rgb(143,  
217, 38) }
```

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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