

Converting Colors

Yxy(54.9284, 0.3270, 0.5796)

Have a look what the booklet for
Yxy(54.9284, 0.3270, 0.5796)
contains.

Yxy(54.7293, 0.3271, 0.5785)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7293, 0.3271, 0.5785)

Conversions

Conversions Part 1

Format	Color
Hex	60DE00
RGB	96, 222, 0
RGB Percent	38%, 87%, 0%
CMY	0.6235, 0.1294, 1.0000
CMYK	0.57, 0.00, 1.00, 0.13
HSL	94°, 100%, 44%
HSV	94°, 100%, 87%
XYZ	30.9455, 54.7293, 8.9308
YIQ	159.0180, -3.8340, -95.7540

Conversions

Conversions Part 2

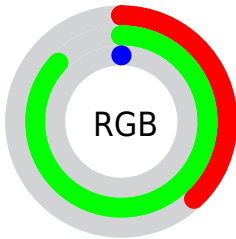
Format	Color
RYB	0, 222, 126
Decimal	6348288
CIELab	78.89, -65.02, 76.70
CIELCh	79, 100.546, 130.287
Yxy	54.7293, 0.3271, 0.5785
Android (android.graphics.Color)	4284538368 (0xFF60DE00)
YUV	159.0180, -78.3959, -55.2668
Hunter-Lab	73.9793, -54.7973, 44.6280

Details

The Yxy color **54.7293, 0.3271, 0.5785** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **9.7094, 0.2150, 0.0958**, and the grayscale version is **35.0489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5628, 0.3387, 0.5209**, and **27.2724, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **54.7317, 0.3271, 0.5785**, and if you desaturate by 10%, it is **55.5296, 0.3325, 0.5676**.

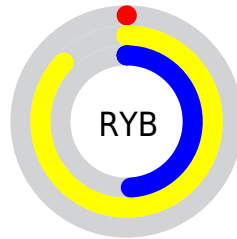
Distribution



Red (38%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (49%)

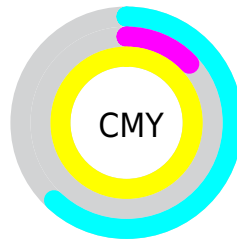


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (62%)


Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7293, 0.3271, 0.5785 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 54.7293, 0.3271, 0.5785 by changing the saturation by 10% instead.


 54.7293, 0.3271,
0.5785


 54.7293, 0.3271,
0.5785

404.8850, 0.3327,
0.4518

 39.1850, 0.3211,
0.6076


 97.1442, 0.3326,
0.5337


 26.9037, 0.3109,
0.6423


 124.7837, 0.3336,
0.5164

 17.5009, 0.2943,
0.6849


 157.2236, 0.3340,
0.5016

 10.5923, 0.2660,
0.7340

 194.8485, 0.3341,
0.4888

 5.7934, 0.2176,
0.7824

 238.0427, 0.3339,
0.4777

 2.7199, 0.1282,
0.8718

 287.1906, 0.3336,

 0.9873, 0.0000,

0.4680

1.0000

342.6765, 0.3332,
0.4594

■ 0.0000, 0.0000,
0.0000

■ 54.7293, 0.3271,
0.5785

■ 54.7293, 0.3271,
0.5785

■ 54.7317, 0.3271,
0.5785

■ 55.5296, 0.3325,
0.5676

■ 56.5093, 0.3365,
0.5512

■ 57.6974, 0.3386,
0.5290

■ 59.1107, 0.3386,
0.5023

■ 60.7638, 0.3368,
0.4727

■ 62.6696, 0.3335,
0.4419

■ 64.8403, 0.3290,
0.4112

■ 67.2869, 0.3239,
0.3817

■ 70.0198, 0.3184,
0.3542

Harmonies

Analogous

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



54.7293, 0.4377, 0.5269



54.7293, 0.3271, 0.5785



54.7293, 0.2186, 0.5066

Triad

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



54.7293, 0.3271, 0.5785



54.7293, 0.1219, 0.1662



54.7293, 0.5073, 0.2787

Complementary

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



54.7293, 0.3271, 0.5785



9.7094, 0.2150, 0.0958

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.



54.7293, 0.3784, 0.2132



54.7293, 0.3271, 0.5785



54.7293, 0.1643, 0.1520

Square

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



54.7293, 0.3271, 0.5785



54.7293, 0.1138, 0.2232



54.7293, 0.2495, 0.1686



54.7293, 0.5625, 0.3534

Rectangle

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



54.7293, 0.3271, 0.5785



54.7293, 0.1626, 0.3989



54.7293, 0.2495, 0.1686



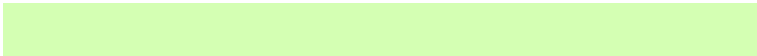
54.7293, 0.4692, 0.2553

Sweetspot

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



54.7317, 0.3271, 0.5785



88.6897, 0.3292, 0.4119



30.4013, 0.5228, 0.4231



18.7041, 0.3311, 0.4248



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.



54.7317, 0.3271, 0.5785



74.8528, 0.3266, 0.5789



52.2784, 0.2990, 0.5965



15.6256, 0.3181, 0.3528



32.5713, 0.3282, 0.5776



2.3098, 0.3403, 0.5680

Inverse Universe

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



9.7094, 0.2150, 0.0958



13.2145, 0.2143, 0.0954



20.0451, 0.3386, 0.1639



13.6252, 0.3069, 0.3054



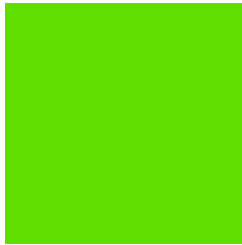
5.8339, 0.2164, 0.0966



0.4570, 0.2320, 0.1052

Previews

White Background



This preview shows how the Yxy color 54.7293, 0.3271, 0.5785 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 54.7293, 0.3271, 0.5785 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

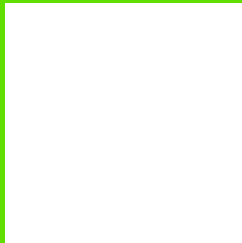
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7293, 0.3271, 0.5785

Background



This preview shows how black text looks on a background with the Yxy color 54.7293, 0.3271, 0.5785.



This preview shows how white text looks on a background with the Yxy color 54.7293, 0.3271, 0.5785.

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

54.7293, 0.3271, 0.5785

Protanopia

53.6436, 0.4412, 0.4879

Deuteranopia

53.7113, 0.4628, 0.4525



Tritanopia

54.2162, 0.2523, 0.3068

Trichromacy



Original Color

54.7293, 0.3271, 0.5785



Protanomaly

52.1844, 0.3934, 0.5258



Deuteranomaly

51.4240, 0.4085, 0.5043



Tritanomaly

52.8915, 0.2926, 0.4311

Monochromacy



Original Color

54.7293, 0.3271, 0.5785



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

39.6297, 0.3349, 0.4540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7293, 0.3271, 0.5785 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(96, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 222, 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(96, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 222, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.7293, 0.3271, 0.5785 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(96, 222, 0) }
```

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

```
.border{ border-color:rgb(96, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(96, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 222, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 54.7293, 0.3271, 0.5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 222, 0) }
```

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

```
.background{ background-color: rgb(96, 222,  
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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