

Converting Colors

Yxy(56.7128, 0.3038, 0.5333)

Have a look what the booklet for
Yxy(56.7128, 0.3038, 0.5333)
contains.

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Color

Yxy(56.8867, 0.3039, 0.5341)

Conversions

Conversions Part 1

Format	Color
Hex	54E252
RGB	84, 226, 82
RGB Percent	33%, 89%, 32%
CMY	0.6710, 0.1137, 0.6785
CMYK	0.63, 0.00, 0.64, 0.11
HSL	119°, 71%, 60%
HSV	119°, 64%, 89%
XYZ	32.3682, 56.8867, 17.2545
YIQ	167.1260, -38.4080, -74.8880

Conversions

Conversions Part 2

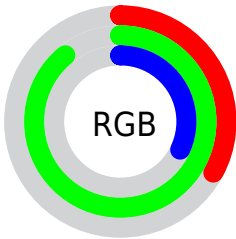
Format	Color
RYB	82, 226, 224
Decimal	5562962
CIELab	80.12, -65.13, 57.49
CIElCh	80, 86.870, 138.565
Yxy	56.8867, 0.3039, 0.5341
Android (android.graphics.Color)	4283753042 (0xFF54E252)
YUV	167.1260, -41.9671, -72.9015
Hunter-Lab	75.4233, -55.3867, 39.2326

Details

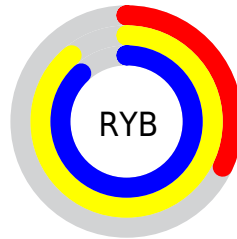
The Yxy color **56.8867, 0.3039, 0.5341** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **27.3900, 0.3175, 0.1830**, and the grayscale version is **38.9181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6220, 0.3117, 0.4729**, and **28.4339, 0.2970, 0.5892** is the 20% darker color. If you saturate the color by 10%, you get **55.7308, 0.3024, 0.5626**, and if you desaturate by 10%, it is **58.4879, 0.3055, 0.5005**.

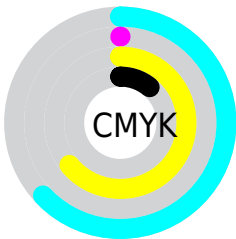
Distribution



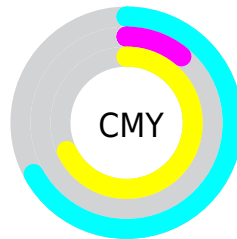
- Red (33%)
- Green (89%)
- Blue (32%)



- Red (32%)
- Yellow (89%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8867, 0.3039, 0.5341 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 56.8867, 0.3039, 0.5341 by changing the saturation by 10% instead.


 56.8867, 0.3039,
0.5341

 56.8867, 0.3039,
0.5341


413.0246, 0.3151,
0.4274

 40.9143, 0.2988,
0.5607


 100.2998, 0.3097,
0.4950


 28.2521, 0.2908,
0.5943


 128.5094, 0.3114,
0.4804

 18.5158, 0.2781,
0.6373


 161.5667, 0.3126,
0.4681

 11.3209, 0.2570,
0.6930


 199.8563, 0.3134,
0.4575

 6.2831, 0.2241,
0.7759

243.7625, 0.3141,
0.4484

 3.0180, 0.1486,
0.8514

293.6696, 0.3145,

 1.1411, 0.0000,

0.4405

1.0000

349.9622, 0.3149,
0.4336

■ 0.0128, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8867, 0.3039,
0.5341

■ 56.8867, 0.3039,
0.5341

■ 55.7308, 0.3024,
0.5626

■ 58.4879, 0.3055,
0.5005

■ 54.9692, 0.3013,
0.5836

■ 60.5655, 0.3071,
0.4648


■ 54.5512, 0.3005,
0.5958


■ 63.1560, 0.3087,
0.4292


■ 54.4192, 0.3002,
0.5998

■ 66.2902, 0.3101,
0.3957

 69.9967, 0.3113,
0.3652

 74.3020, 0.3124,
0.3382

 79.2310, 0.3133,
0.3146

 82.8799, 0.3140,
0.3009

Harmonies

Analogous

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



56.8867, 0.4042, 0.5232



56.8867, 0.3039, 0.5341



56.8867, 0.2109, 0.4425

Triad

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



56.8867, 0.3039, 0.5341



56.8867, 0.1491, 0.1781



56.8867, 0.5012, 0.3061

Complementary

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



56.8867, 0.3039, 0.5341



27.3900, 0.3175, 0.1830

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.



56.8867, 0.4032, 0.2421



56.8867, 0.3039, 0.5341



56.8867, 0.1987, 0.1722

Square

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



56.8867, 0.3039, 0.5341



56.8867, 0.1334, 0.2198



56.8867, 0.2869, 0.1948



56.8867, 0.5302, 0.3778

Rectangle

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



56.8867, 0.3039, 0.5341



56.8867, 0.1668, 0.3524



56.8867, 0.2869, 0.1948



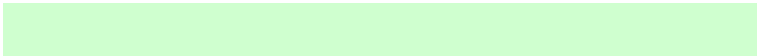
56.8867, 0.4744, 0.2836

Sweetspot

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



56.8891, 0.3039, 0.5341



89.2959, 0.3107, 0.3813



69.8835, 0.4026, 0.4733



18.8215, 0.3103, 0.3903



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.



56.8891, 0.3039, 0.5341



72.9411, 0.3021, 0.5693



58.4474, 0.2717, 0.4373



15.3458, 0.3118, 0.3532



31.0461, 0.3003, 0.5998



2.1550, 0.3012, 0.5991

Inverse Universe

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



27.3900, 0.3175, 0.1830



31.3562, 0.3178, 0.1660



24.6184, 0.4071, 0.2479



13.9259, 0.3136, 0.3059



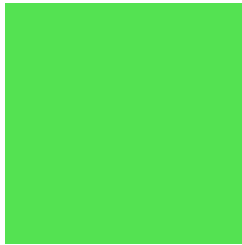
12.0881, 0.3176, 0.1523



0.8409, 0.3182, 0.1526

Previews

White Background



This preview shows how the Yxy color 56.8867, 0.3039, 0.5341 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 56.8867, 0.3039, 0.5341 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

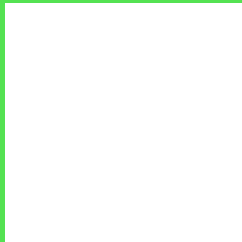
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8867, 0.3039, 0.5341

Background



This preview shows how black text looks on a background with the Yxy color 56.8867, 0.3039, 0.5341.



This preview shows how white text looks on a background with the Yxy color 56.8867, 0.3039, 0.5341.

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

56.8867, 0.3039, 0.5341

Protanopia

55.6426, 0.4195, 0.4602

Deuteranopia

55.8293, 0.4343, 0.4257



Tritanopia

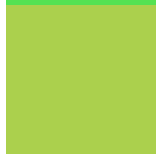
56.7372, 0.2458, 0.3069

Trichromacy



Original Color

56.8867, 0.3039, 0.5341



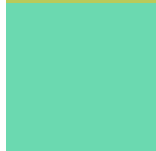
Protanomaly

54.3055, 0.3687, 0.4921



Deuteranomaly

53.2935, 0.3771, 0.4676



Tritanomaly

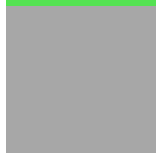
55.8861, 0.2681, 0.3870

Monochromacy



Original Color

56.8867, 0.3039, 0.5341



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

43.0624, 0.3098, 0.4075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8867, 0.3039, 0.5341 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(84, 226, 82)` looks like.

```
.text, #text, p{  
    color:rgb(84, 226, 82)  
}
```

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(84, 226, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 226, 82) }
```

Border

The CSS property to change the border of an element to Yxy 56.8867, 0.3039, 0.5341 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(84, 226, 82) }
```

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

```
.border{ border-color:rgb(84, 226, 82) }
```

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

Here you see how a box with a 4 pixel rgb(84, 226, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 226, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 226, 82);  
box-shadow:4px 4px 4px 4px rgb(84, 226,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8867, 0.3039, 0.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 226, 82) }
```

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

```
.background{ background-color: rgb(84, 226,  
82) }
```

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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