

Converting Colors

Yxy(56.8683, 0.3565, 0.5537)

Have a look what the booklet for
Yxy(56.8683, 0.3565, 0.5537)
contains.

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Color

Yxy(56.8623, 0.3565, 0.5537)

Conversions

Conversions Part 1

Format	Color
Hex	8DDC06
RGB	141, 220, 6
RGB Percent	55%, 86%, 2%
CMY	0.4471, 0.1372, 0.9758
CMYK	0.36, 0.00, 0.97, 0.14
HSL	82°, 95%, 44%
HSV	82°, 97%, 86%
XYZ	36.6108, 56.8623, 9.2220
YIQ	171.9830, 21.6100, -83.3020

Conversions

Conversions Part 2

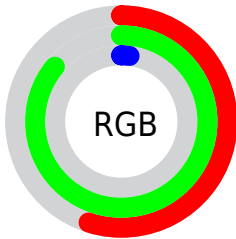
Format	Color
RYB	6, 220, 85
Decimal	9296902
CIELab	80.10, -50.44, 77.86
CIElCh	80, 92.769, 122.933
Yxy	56.8623, 0.3565, 0.5537
Android (android.graphics.Color)	4287486982 (0xFF8DDC06)
YUV	171.9830, -81.8296, -27.1721
Hunter-Lab	75.4071, -45.2991, 45.5340

Details

The Yxy color **56.8623, 0.3565, 0.5537** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7.2405, 0.1816, 0.0785**, and the grayscale version is **41.6703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5039, 0.3648, 0.5025**, and **28.3002, 0.3364, 0.5711** is the 20% darker color. If you saturate the color by 10%, you get **56.6538, 0.3553, 0.5561**, and if you desaturate by 10%, it is **57.6748, 0.3602, 0.5435**.

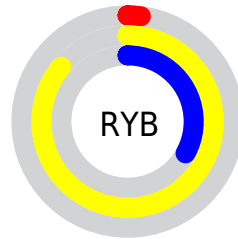
Distribution



Red (55%)

Green (86%)

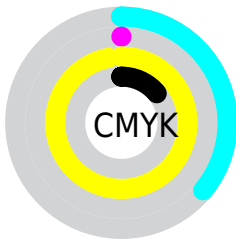
Blue (2%)



Red (2%)

Yellow (86%)

Blue (33%)

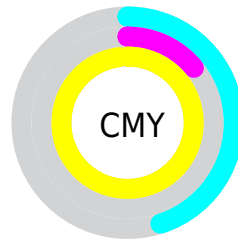


Cyan (36%)

Magenta (0%)

Yellow (97%)

Black (14%)



Cyan (45%)


Magenta (14%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8623, 0.3565, 0.5537 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 56.8623, 0.3565, 0.5537 by changing the saturation by 10% instead.


 56.8623, 0.3565,
0.5537

 56.8623, 0.3565,
0.5537

412.9331, 0.3469,
0.4434

 40.8947, 0.3544,
0.5779


 100.2642, 0.3563,
0.5156


 28.2368, 0.3493,
0.6064


 128.4674, 0.3553,
0.5006

 18.5042, 0.3392,
0.6402


 161.5178, 0.3539,
0.4877

 11.3126, 0.3203,
0.6797

 199.7999, 0.3525,
0.4764

 6.2775, 0.2831,
0.7169

 243.6981, 0.3510,
0.4666

 3.0146, 0.2269,
0.7731

 293.5968, 0.3496,

 1.1393, 0.0000,

0.4579

1.0000

349.8803, 0.3482,
0.4503

■ 0.0113, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8623, 0.3565,
0.5537

■ 56.8623, 0.3565,
0.5537

■ 56.6538, 0.3553,
0.5561

■ 57.6748, 0.3602,
0.5435

■ 58.6142, 0.3616,
0.5282

■ 59.6992, 0.3605,
0.5080

■ 60.9425, 0.3571,
0.4839

■ 62.3548, 0.3516,
0.4572

■ 63.9458, 0.3446,
0.4290

■ 65.7243, 0.3366,
0.4006

■ 67.6983, 0.3279,
0.3730

■ 69.8755, 0.3191,
0.3468

Harmonies

Analogous

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



56.8623, 0.4565, 0.4972



56.8623, 0.3565, 0.5537



56.8623, 0.2516, 0.5159

Triad

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



56.8623, 0.3565, 0.5537



56.8623, 0.1286, 0.1868



56.8623, 0.4657, 0.2674

Complementary

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



56.8623, 0.3565, 0.5537



7.2405, 0.1816, 0.0785

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.



56.8623, 0.3423, 0.2087



56.8623, 0.3565, 0.5537



56.8623, 0.1610, 0.1637

Square

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



56.8623, 0.3565, 0.5537



56.8623, 0.1297, 0.2548



56.8623, 0.2313, 0.1724



56.8623, 0.5383, 0.3378

Rectangle

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



56.8623, 0.3565, 0.5537



56.8623, 0.1922, 0.4299



56.8623, 0.2313, 0.1724



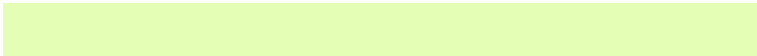
56.8623, 0.4269, 0.2460

Sweetspot

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



56.8648, 0.3565, 0.5537



91.2996, 0.3383, 0.4064



21.6594, 0.5743, 0.3796



19.3112, 0.3418, 0.4186



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.



56.8648, 0.3565, 0.5537



79.0749, 0.3548, 0.5565



51.5540, 0.3038, 0.5953



15.0110, 0.3210, 0.3525



33.3133, 0.3562, 0.5554



2.2065, 0.3665, 0.5472

Inverse Universe

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



7.2405, 0.1816, 0.0785



9.6110, 0.1779, 0.0753



16.4416, 0.2881, 0.1369



12.8503, 0.3038, 0.3052



4.1248, 0.1801, 0.0766



0.3153, 0.1986, 0.0867

Previews

White Background



This preview shows how the Yxy color 56.8623, 0.3565, 0.5537 looks on a white background.

Color Contrast Check

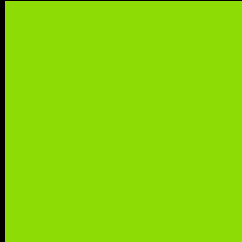
Large Text (above 18pt) WCAG AA × Fail

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 56.8623, 0.3565, 0.5537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

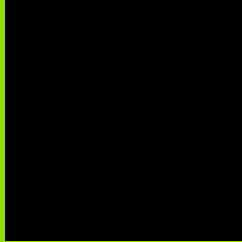
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8623, 0.3565, 0.5537

Background



This preview shows how black text looks on a background with the Yxy color 56.8623, 0.3565, 0.5537.



This preview shows how white text looks on a background with the Yxy color 56.8623, 0.3565, 0.5537.

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

56.8623, 0.3565, 0.5537

Protanopia

56.0761, 0.4408, 0.4882

Deuteranopia

55.8548, 0.4650, 0.4535



Tritanopia

56.2987, 0.2731, 0.3078

Trichromacy



Original Color

56.8623, 0.3565, 0.5537



Protanomaly

55.4845, 0.4081, 0.5137



Deuteranomaly

54.6422, 0.4249, 0.4915



Tritanomaly

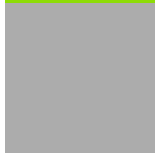
55.1443, 0.3177, 0.4200

Monochromacy



Original Color

56.8623, 0.3565, 0.5537



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

45.1421, 0.3474, 0.4378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8623, 0.3565, 0.5537 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(141, 220, 6)` looks like.

```
.text, #text, p{  
    color:rgb(141, 220, 6)  
}
```

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(141, 220, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 220, 6) }
```

Border

The CSS property to change the border of an element to Yxy 56.8623, 0.3565, 0.5537 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(141, 220, 6) }
```

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

```
.border{ border-color:rgb(141, 220, 6) }
```

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

Here you see how a box with a 4 pixel rgb(141, 220, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 220, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 220, 6);  
box-shadow:4px 4px 4px 4px rgb(141, 220,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8623, 0.3565, 0.5537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 220, 6) }
```

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

```
.background{ background-color: rgb(141,  
220, 6) }
```

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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