

Converting Colors

Yxy(56.7046, 0.3816, 0.4614)

Have a look what the booklet for
Yxy(56.7046, 0.3816, 0.4614)
contains.

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Color

Yxy(56.7046, 0.3816, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	C4CE5F
RGB	196, 206, 95
RGB Percent	77%, 81%, 37%
CMY	0.2314, 0.1921, 0.6275
CMYK	0.05, 0.00, 0.54, 0.19
HSL	65°, 53%, 59%
HSV	65°, 54%, 81%
XYZ	46.8974, 56.7046, 19.2948
YIQ	190.3560, 29.6710, -36.6410

Conversions

Conversions Part 2

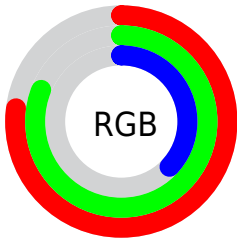
Format	Color
RYB	95, 206, 105
Decimal	12897887
CIELab	80.01, -18.75, 53.20
CIELCh	80, 56.410, 109.414
Yxy	56.7046, 0.3816, 0.4614
Android (android.graphics.Color)	4291087967 (0xFFC4CE5F)
YUV	190.3560, -47.0105, 4.9498
Hunter-Lab	75.3025, -20.6117, 37.5198

Details

The Yxy color **56.7046, 0.3816, 0.4614** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **15.6420, 0.2171, 0.1612**, and the grayscale version is **51.9710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7608, 0.3743, 0.4323**, and **28.1991, 0.3933, 0.4938** is the 20% darker color. If you saturate the color by 10%, you get **56.1328, 0.3907, 0.4810**, and if you desaturate by 10%, it is **57.3837, 0.3705, 0.4389**.

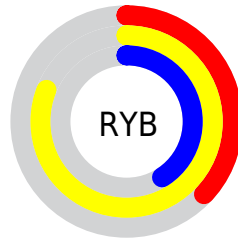
Distribution



Red (77%)

Green (81%)

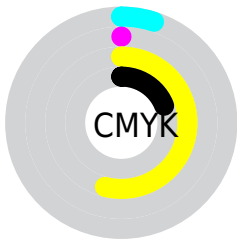
Blue (37%)



Red (37%)

Yellow (81%)

Blue (41%)

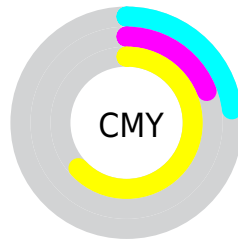


Cyan (5%)

Magenta (0%)

Yellow (54%)

Black (19%)



Cyan (23%)

Magenta (19%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7046, 0.3816, 0.4614 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 56.7046, 0.3816, 0.4614 by changing the saturation by 10% instead.


 56.7046, 0.3816,
0.4614


 56.7046, 0.3816,
0.4614


412.3415, 0.3517,
0.3973


 40.7681, 0.3873,
0.4761


 100.0340, 0.3720,
0.4390


 28.1379, 0.3934,
0.4939


 128.1958, 0.3680,
0.4303

 18.4297, 0.3995,
0.5157


 161.2014, 0.3645,
0.4228

 11.2589, 0.4043,
0.5422

 199.4353, 0.3614,
0.4163

 6.2413, 0.4137,
0.5863

243.2819, 0.3585,
0.4106

 2.9923, 0.3925,
0.6075

293.1255, 0.3560,

 1.1277, 0.3457,

0.4056

0.6543

349.3506, 0.3538,
0.4012

0.0015, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7046, 0.3816,
0.4614

56.7046, 0.3816,
0.4614

56.1328, 0.3907,
0.4810

57.3837, 0.3705,
0.4389

55.6526, 0.3975,
0.4967

58.1694, 0.3581,
0.4144

55.2573, 0.4017,
0.5081

59.0709, 0.3448,
0.3889

54.9357, 0.4033,
0.5151


60.0942, 0.3313,
0.3633

 54.7634, 0.4035,
0.5179

 61.2447, 0.3178,
0.3384

 62.5276, 0.3049,
0.3147

 63.9479, 0.2925,
0.2924

 65.1977, 0.2839,
0.2765

 65.4740, 0.2852,
0.2767

Harmonies

Analogous

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



56.7046, 0.4367, 0.4266



56.7046, 0.3816, 0.4614



56.7046, 0.3115, 0.4549

Triad

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



56.7046, 0.3816, 0.4614



56.7046, 0.1849, 0.2570



56.7046, 0.3754, 0.2708

Complementary

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



56.7046, 0.3816, 0.4614



15.6420, 0.2171, 0.1612

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.



56.7046, 0.2996, 0.2346



56.7046, 0.3816, 0.4614



56.7046, 0.1970, 0.2237

Square

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



56.7046, 0.3816, 0.4614



56.7046, 0.2009, 0.3194



56.7046, 0.2361, 0.2175



56.7046, 0.4371, 0.3200

Rectangle

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



56.7046, 0.3816, 0.4614



56.7046, 0.2659, 0.4213



56.7046, 0.2361, 0.2175



56.7046, 0.3502, 0.2570

Sweetspot

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



56.7072, 0.3816, 0.4614



96.9529, 0.3344, 0.3692



23.8973, 0.4635, 0.3408



20.6765, 0.3372, 0.3745



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.



56.7072, 0.3816, 0.4614



90.7753, 0.3922, 0.4843



50.6581, 0.3363, 0.4844



13.0432, 0.3252, 0.3520



33.7395, 0.4037, 0.5177



1.7560, 0.4069, 0.5151

Inverse Universe

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



15.6420, 0.2171, 0.1612



17.3629, 0.1938, 0.1229



20.0858, 0.2686, 0.1818



10.8916, 0.2996, 0.3051



2.8453, 0.1533, 0.0618



0.1639, 0.1637, 0.0675

Previews

White Background



This preview shows how the Yxy color 56.7046, 0.3816, 0.4614 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 56.7046, 0.3816, 0.4614 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 56.7046, 0.3816, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 56.7046, 0.3816, 0.4614.



This preview shows how white text looks on a background with the Yxy color 56.7046, 0.3816, 0.4614.

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

56.7046, 0.3816, 0.4614

Protanopia

56.3941, 0.4083, 0.4455

Deuteranopia

56.5484, 0.4305, 0.4211



Tritanopia

56.5969, 0.3127, 0.3116

Trichromacy



Original Color

56.7046, 0.3816, 0.4614

Protanomaly

56.4303, 0.3980, 0.4512

Deuteranomaly

56.2429, 0.4132, 0.4352

Tritanomaly

56.0527, 0.3402, 0.3656

Monochromacy



Original Color

56.7046, 0.3816, 0.4614

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.0529, 0.3405, 0.3811

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7046, 0.3816, 0.4614 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(196, 206, 95)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 95)  
}
```

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(196, 206, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 95) }
```

Border

The CSS property to change the border of an element to Yxy 56.7046, 0.3816, 0.4614 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(196, 206, 95) }
```

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

```
.border{ border-color:rgb(196, 206, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 95);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7046, 0.3816, 0.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 95) }
```

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

```
.background{ background-color: rgb(196,  
206, 95) }
```

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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