

Converting Colors

Yxy(57.5648, 0.3989, 0.4351)

Have a look what the booklet for
Yxy(57.5648, 0.3989, 0.4351)
contains.

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Color

Yxy(57.5648, 0.3989, 0.4351)

Conversions

Conversions Part 1

Format	Color
Hex	DCC86A
RGB	220, 200, 106
RGB Percent	86%, 78%, 42%
CMY	0.1372, 0.2157, 0.5843
CMYK	0.00, 0.09, 0.52, 0.14
HSL	49°, 62%, 64%
HSV	49°, 52%, 86%
XYZ	52.7755, 57.5648, 21.9622
YIQ	195.2640, 42.0940, -24.9940

Conversions

Conversions Part 2

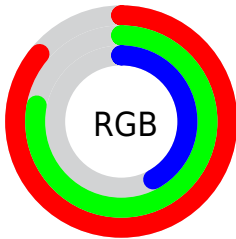
Format	Color
R _{YB}	130, 220, 106
Decimal	14469226
CIE Lab	80.50, -4.97, 49.08
CIE LCh	80, 49.332, 95.783
Yxy	57.5648, 0.3989, 0.4351
Android (android.graphics.Color)	4292659306 (0xFFDCC86A)
YUV	195.2640, -44.0072, 21.6935
Hunter-Lab	75.8715, -8.6122, 35.9476

Details

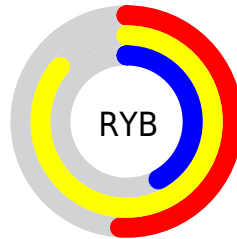
The Yxy color **57.5648, 0.3989, 0.4351** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.1575, 0.2189, 0.1925**, and the grayscale version is **54.9900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2832, 0.3695, 0.4228**, and **28.6201, 0.4174, 0.4582** is the 20% darker color. If you saturate the color by 10%, you get **55.4000, 0.4148, 0.4516**, and if you desaturate by 10%, it is **59.8977, 0.3819, 0.4161**.

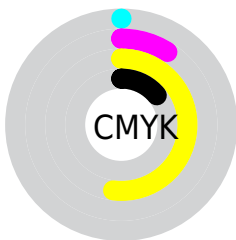
Distribution



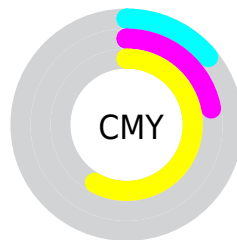
- Red (86%)
- Green (78%)
- Blue (42%)



- Red (51%)
- Yellow (86%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5648, 0.3989, 0.4351 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 57.5648, 0.3989, 0.4351 by changing the saturation by 10% instead.

 57.5648, 0.3989,
0.4351

 57.5648, 0.3989,
0.4351


415.5623, 0.3595,
0.3853


 41.4589, 0.4073,
0.4461


 101.2888, 0.3856,
0.4180

 28.6778, 0.4170,
0.4592


 129.6757, 0.3803,
0.4113

 18.8372, 0.4283,
0.4749


 162.9251, 0.3757,
0.4055

 11.5527, 0.4409,
0.4935

 201.4213, 0.3716,
0.4004

 6.4399, 0.4592,
0.5210

245.5487, 0.3680,
0.3959

 3.1144, 0.4633,
0.5367

295.6917, 0.3649,

 1.1917, 0.4541,

0.3920

0.5459

352.2348, 0.3620,
0.3884

0.0549, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5648, 0.3989,
0.4351

57.5648, 0.3989,
0.4351

55.4000, 0.4148,
0.4516

59.8977, 0.3819,
0.4161

53.3856, 0.4289,
0.4644

62.3990, 0.3645,
0.3955

51.5135, 0.4405,
0.4730


65.0793, 0.3474,
0.3742

49.7706, 0.4492,
0.4769

67.9457, 0.3309,
0.3531

 48.4247, 0.4546,
0.4773

 71.0050, 0.3154,
0.3326

 74.2635, 0.3011,
0.3132

 77.4005, 0.2909,
0.2999

 79.5382, 0.2910,
0.3040

 81.7237, 0.2911,
0.3081

Harmonies

Analogous

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



57.5648, 0.4351, 0.3970



57.5648, 0.3989, 0.4351



57.5648, 0.3416, 0.4458

Triad

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



57.5648, 0.3989, 0.4351



57.5648, 0.2028, 0.2890



57.5648, 0.3377, 0.2611

Complementary

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



57.5648, 0.3989, 0.4351



23.1575, 0.2189, 0.1925

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.



57.5648, 0.2741, 0.2358



57.5648, 0.3989, 0.4351



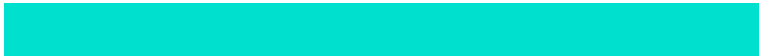
57.5648, 0.2020, 0.2469

Square

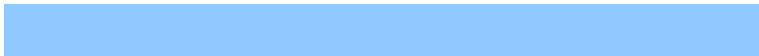
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.5648, 0.3989, 0.4351



57.5648, 0.2295, 0.3519



57.5648, 0.2264, 0.2299



57.5648, 0.3998, 0.3010

Rectangle

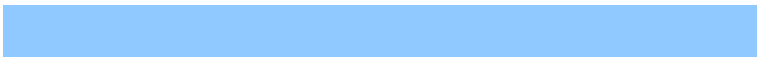
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5648, 0.3989, 0.4351



57.5648, 0.2996, 0.4297



57.5648, 0.2264, 0.2299



57.5648, 0.3156, 0.2508

Sweetspot

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



57.5675, 0.3989, 0.4351



93.1592, 0.3379, 0.3622



27.0550, 0.4336, 0.3047



19.7624, 0.3413, 0.3666



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.



57.5675, 0.3989, 0.4351



77.1903, 0.4158, 0.4526



62.4176, 0.3591, 0.4675



14.8546, 0.3271, 0.3481



28.5606, 0.4540, 0.4778



1.9546, 0.4473, 0.4830

Inverse Universe

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



23.1575, 0.2189, 0.1925



24.3374, 0.1987, 0.1598



21.2345, 0.2422, 0.1758



12.9850, 0.2981, 0.3091



3.9840, 0.1546, 0.0764



0.3714, 0.1623, 0.1042

Previews

White Background



This preview shows how the Yxy color 57.5648, 0.3989, 0.4351 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 57.5648, 0.3989, 0.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

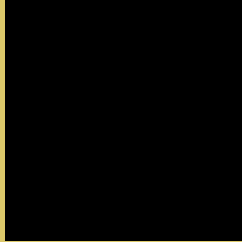
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5648, 0.3989, 0.4351

Background



This preview shows how black text looks on a background with the Yxy color 57.5648, 0.3989, 0.4351.



This preview shows how white text looks on a background with the Yxy color 57.5648, 0.3989, 0.4351.

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

57.5648, 0.3989, 0.4351

Protanopia

57.5648, 0.3989, 0.4351

Deuteranopia

57.1427, 0.4243, 0.4150



Tritanopia

57.4128, 0.3341, 0.3124

Trichromacy



Original Color

57.5648, 0.3989, 0.4351

Protanomaly

57.5648, 0.3989, 0.4351

Deuteranomaly

57.3073, 0.4147, 0.4229

Tritanomaly

57.1358, 0.3601, 0.3578

Monochromacy



Original Color

57.5648, 0.3989, 0.4351

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4142, 0.3443, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5648, 0.3989, 0.4351 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(220, 200, 106)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 106)  
}
```

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(220, 200, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 106) }
```

Border

The CSS property to change the border of an element to Yxy 57.5648, 0.3989, 0.4351 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(220, 200, 106) }
```

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

```
.border{ border-color:rgb(220, 200, 106) }
```

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

Here you see how a box with a 4 pixel rgb(220, 200, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 106);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5648, 0.3989, 0.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 200, 106) }
```

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

```
.background{ background-color: rgb(220,  
200, 106) }
```

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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