

Converting Colors

Yxy(58.0126, 0.3909, 0.4215)

Have a look what the booklet for
Yxy(58.0126, 0.3909, 0.4215)
contains.

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Color

Yxy(58.0126, 0.3909, 0.4215)

Conversions

Conversions Part 1

Format	Color
Hex	DDC877
RGB	221, 200, 119
RGB Percent	87%, 78%, 47%
CMY	0.1334, 0.2157, 0.5333
CMYK	0.00, 0.09, 0.46, 0.13
HSL	48°, 60%, 67%
HSV	48°, 46%, 87%
XYZ	53.8010, 58.0126, 25.8201
YIQ	197.0450, 38.5170, -20.7390

Conversions

Conversions Part 2

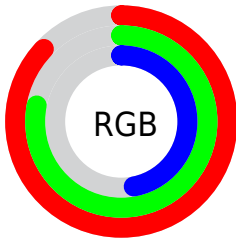
Format	Color
RYB	145, 221, 119
Decimal	14534775
CIELab	80.75, -3.40, 43.01
CIElCh	81, 43.144, 94.522
Yxy	58.0126, 0.3909, 0.4215
Android (android.graphics.Color)	4292724855 (0xFFDDC877)
YUV	197.0450, -38.4762, 21.0085
Hunter-Lab	76.1660, -7.2043, 33.2170

Details

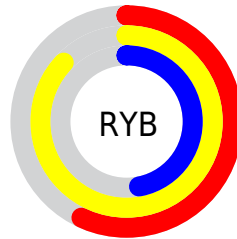
The Yxy color **58.0126, 0.3909, 0.4215** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.8989, 0.2308, 0.2144**, and the grayscale version is **56.0844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **28.8676, 0.4089, 0.4432** is the 20% darker color. If you saturate the color by 10%, you get **55.4695, 0.4083, 0.4391**, and if you desaturate by 10%, it is **60.7472, 0.3730, 0.4020**.

Distribution



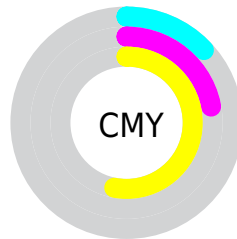
- Red (87%)
- Green (78%)
- Blue (47%)



- Red (57%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0126, 0.3909, 0.4215 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 58.0126, 0.3909, 0.4215 by changing the saturation by 10% instead.


 58.0126, 0.3909,
0.4215


 58.0126, 0.3909,
0.4215


417.2329, 0.3546,
0.3778


 41.8188, 0.3989,
0.4313


 101.9412, 0.3785,
0.4064

 28.9594, 0.4084,
0.4432


 130.4448, 0.3736,
0.4005

 19.0501, 0.4198,
0.4578


 163.8204, 0.3693,
0.3954

 11.7065, 0.4334,
0.4755

202.4524, 0.3656,
0.3910

 6.5442, 0.4493,
0.4975

246.7253, 0.3624,
0.3871

 3.1787, 0.4711,
0.5289

297.0234, 0.3595,

 1.2257, 0.4649,

0.3836

0.5351

353.7311, 0.3569,
0.3806

0.0826, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.0126, 0.3909,
0.4215

58.0126, 0.3909,
0.4215

55.4695, 0.4083,
0.4391

60.7472, 0.3730,
0.4020

53.1006, 0.4245,
0.4537

63.6735, 0.3552,
0.3816

50.8982, 0.4387,
0.4644


66.8020, 0.3381,
0.3610


48.8504, 0.4502,
0.4705


70.1398, 0.3220,
0.3409


 46.9422, 0.4588,
0.4719


 73.6938, 0.3071,
0.3217

 46.2336, 0.4616,
0.4717

 77.4702, 0.2935,
0.3037

 80.2109, 0.2916,
0.3051

 82.8014, 0.2917,
0.3098

 85.4587, 0.2919,
0.3146

Harmonies

Analogous

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



58.0126, 0.4209, 0.3886



58.0126, 0.3909, 0.4215



58.0126, 0.3413, 0.4304

Triad

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



58.0126, 0.3909, 0.4215



58.0126, 0.2160, 0.2968



58.0126, 0.3325, 0.2676

Complementary

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



58.0126, 0.3909, 0.4215



27.8989, 0.2308, 0.2144

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.



58.0126, 0.2770, 0.2456



58.0126, 0.3909, 0.4215



58.0126, 0.2141, 0.2582

Square

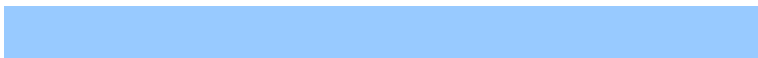
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0126, 0.3909, 0.4215



58.0126, 0.2412, 0.3518



58.0126, 0.2352, 0.2415



58.0126, 0.3867, 0.3031

Rectangle

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



58.0126, 0.3909, 0.4215



58.0126, 0.3043, 0.4170



58.0126, 0.2352, 0.2415



58.0126, 0.3132, 0.2585

Sweetspot

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



58.0153, 0.3909, 0.4215



93.3132, 0.3348, 0.3569



30.4950, 0.4095, 0.3029



19.7635, 0.3384, 0.3613



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.



58.0153, 0.3909, 0.4215



76.9635, 0.4072, 0.4379



64.2581, 0.3578, 0.4513



14.7852, 0.3272, 0.3474



27.0279, 0.4608, 0.4723



1.8681, 0.4528, 0.4787

Inverse Universe

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



27.8989, 0.2308, 0.2144



30.6751, 0.2130, 0.1866



24.7057, 0.2487, 0.1930



13.0490, 0.2981, 0.3099



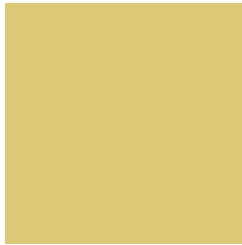
4.2748, 0.1559, 0.0813



0.4015, 0.1642, 0.1110

Previews

White Background



This preview shows how the Yxy color 58.0126, 0.3909, 0.4215 looks on a white background.

Color Contrast Check

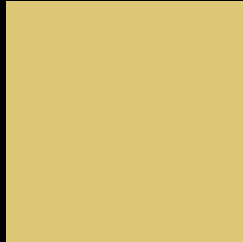
Large Text (above 18pt) WCAG AA × Fail

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 58.0126, 0.3909, 0.4215 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 58.0126, 0.3909, 0.4215

Background



This preview shows how black text looks on a background with the Yxy color 58.0126, 0.3909, 0.4215.



This preview shows how white text looks on a background with the Yxy color 58.0126, 0.3909, 0.4215.

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

58.0126, 0.3909, 0.4215

Protanopia

58.1653, 0.3887, 0.4231

Deuteranopia

57.6968, 0.4133, 0.4039



Tritanopia

58.0577, 0.3340, 0.3124

Trichromacy



Original Color

58.0126, 0.3909, 0.4215

Protanomaly

58.3208, 0.3896, 0.4228

Deuteranomaly

57.6018, 0.4055, 0.4102

Tritanomaly

57.9705, 0.3558, 0.3519

Monochromacy



Original Color

58.0126, 0.3909, 0.4215

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3746, 0.3411, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0126, 0.3909, 0.4215 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(221, 200, 119)` looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 119)  
}
```

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(221, 200, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 119) }
```

Border

The CSS property to change the border of an element to Yxy 58.0126, 0.3909, 0.4215 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(221, 200, 119) }
```

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

```
.border{ border-color:rgb(221, 200, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 200, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 119);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0126, 0.3909, 0.4215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 119) }
```

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

```
.background{ background-color: rgb(221,  
200, 119) }
```

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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