

Converting Colors

Yxy(59.2609, 0.3798, 0.4294)

Have a look what the booklet for
Yxy(59.2609, 0.3798, 0.4294)
contains.

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Color

Yxy(59.4957, 0.3796, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	D4CE78
RGB	212, 206, 120
RGB Percent	83%, 81%, 47%
CMY	0.1687, 0.1921, 0.5294
CMYK	0.00, 0.03, 0.43, 0.17
HSL	56°, 52%, 65%
HSV	56°, 43%, 83%
XYZ	52.6079, 59.4957, 26.4841
YIQ	197.9900, 31.1820, -25.4740

Conversions

Conversions Part 2

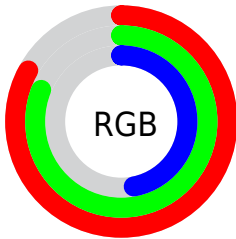
Format	Color
RYB	126, 212, 120
Decimal	13946488
CIELab	81.56, -10.01, 43.37
CIELCh	82, 44.507, 102.991
Yxy	59.4957, 0.3796, 0.4293
Android (android.graphics.Color)	4292136568 (0xFFD4CE78)
YUV	197.9900, -38.4491, 12.2868
Hunter-Lab	77.1335, -13.2399, 33.6359

Details

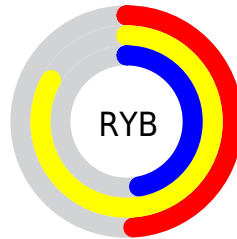
The Yxy color **59.4957, 0.3796, 0.4293** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6616, 0.2332, 0.2037**, and the grayscale version is **56.6896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **29.9541, 0.3941, 0.4538** is the 20% darker color. If you saturate the color by 10%, you get **58.3806, 0.3938, 0.4496**, and if you desaturate by 10%, it is **60.7360, 0.3643, 0.4069**.

Distribution



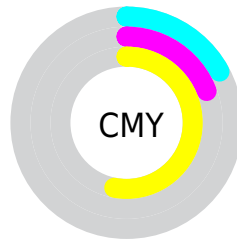
- Red (83%)
- Green (81%)
- Blue (47%)



- Red (49%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (43%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4957, 0.3796, 0.4293 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 59.4957, 0.3796, 0.4293 by changing the saturation by 10% instead.

■ 59.4957, 0.3796,
0.4293

■ 59.4957, 0.3796,
0.4293

422.7364, 0.3491,
0.3813

■ 43.0123, 0.3861,
0.4403

■ 104.0978, 0.3693,
0.4125

■ 29.8948, 0.3938,
0.4538

■ 132.9852, 0.3652,
0.4060

■ 19.7587, 0.4027,
0.4706

■ 166.7761, 0.3617,
0.4004

■ 12.2198, 0.4129,
0.4915

205.8549, 0.3585,
0.3956

■ 6.8935, 0.4238,
0.5181

250.6059, 0.3558,
0.3913

■ 3.3956, 0.4398,
0.5602

301.4136, 0.3533,

■ 1.3416, 0.4220,

0.3876

0.5780

358.6623, 0.3511,
0.3843

■ 0.1731, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4957, 0.3796,
0.4293

■ 59.4957, 0.3796,
0.4293

■ 58.3806, 0.3938,
0.4496

■ 60.7360, 0.3643,
0.4069

■ 57.3748, 0.4063,
0.4669

■ 62.1002, 0.3486,
0.3835


■ 56.4726, 0.4165,
0.4804


■ 63.5974, 0.3329,
0.3598

■ 55.6641, 0.4241,
0.4896

■ 65.2335, 0.3177,
0.3366


 54.9374, 0.4291,
0.4944


 67.0141, 0.3033,
0.3144

 54.4880, 0.4312,
0.4958

 68.9444, 0.2898,
0.2935

 70.1364, 0.2852,
0.2871

 70.8418, 0.2852,
0.2886

 71.5532, 0.2853,
0.2901

Harmonies

Analogous

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



59.4957, 0.4174, 0.4007



59.4957, 0.3796, 0.4293



59.4957, 0.3258, 0.4291

Triad

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



59.4957, 0.3796, 0.4293



59.4957, 0.2110, 0.2827



59.4957, 0.3496, 0.2754

Complementary

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



59.4957, 0.3796, 0.4293



23.6616, 0.2332, 0.2037

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.



59.4957, 0.2912, 0.2486



59.4957, 0.3796, 0.4293



59.4957, 0.2159, 0.2496

Square

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



59.4957, 0.3796, 0.4293



59.4957, 0.2301, 0.3355



59.4957, 0.2436, 0.2389



59.4957, 0.4010, 0.3143

Rectangle

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



59.4957, 0.3796, 0.4293



59.4957, 0.2885, 0.4085



59.4957, 0.2436, 0.2389



59.4957, 0.3299, 0.2648

Sweetspot

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



59.4984, 0.3796, 0.4293



96.6825, 0.3325, 0.3593



28.9396, 0.4183, 0.3217



20.5813, 0.3360, 0.3645



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.



59.4984, 0.3796, 0.4293



88.8329, 0.3927, 0.4480



57.2152, 0.3444, 0.4481



14.3756, 0.3268, 0.3506



33.7047, 0.4310, 0.4959



2.0754, 0.4288, 0.4977

Inverse Universe

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



23.6616, 0.2332, 0.2037



27.6183, 0.2141, 0.1726



25.6480, 0.2663, 0.2065



12.1366, 0.2981, 0.3065



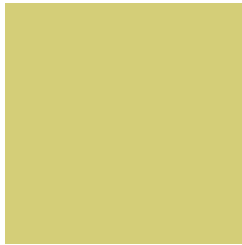
3.1756, 0.1512, 0.0644



0.2380, 0.1550, 0.0780

Previews

White Background



This preview shows how the Yxy color 59.4957, 0.3796, 0.4293 looks on a white background.

Color Contrast Check

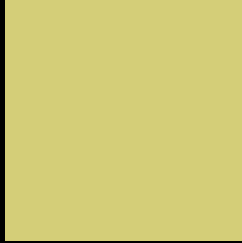
Large Text (above 18pt) WCAG AA × Fail

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 59.4957, 0.3796, 0.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

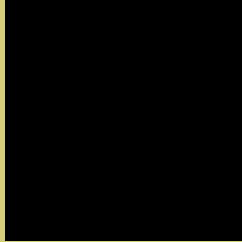
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4957, 0.3796, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 59.4957, 0.3796, 0.4293.



This preview shows how white text looks on a background with the Yxy color 59.4957, 0.3796, 0.4293.

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

59.4957, 0.3796, 0.4293

Protanopia

59.5734, 0.3903, 0.4242

Deuteranopia

59.1628, 0.4132, 0.4031



Tritanopia

59.2630, 0.3223, 0.3111

Trichromacy



Original Color

59.4957, 0.3796, 0.4293

Protanomaly

59.4231, 0.3864, 0.4264

Deuteranomaly

59.2857, 0.4010, 0.4124

Tritanomaly

58.9666, 0.3439, 0.3535

Monochromacy



Original Color

59.4957, 0.3796, 0.4293

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3721, 0.3373, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4957, 0.3796, 0.4293 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(212, 206, 120)` looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 120)  
}
```

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(212, 206, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 120) }
```

Border

The CSS property to change the border of an element to Yxy 59.4957, 0.3796, 0.4293 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(212, 206, 120) }
```

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

```
.border{ border-color:rgb(212, 206, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 120);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4957, 0.3796, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 120) }
```

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

```
.background{ background-color: rgb(212,  
206, 120) }
```

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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