

Converting Colors

Yxy(59.1911, 0.3907, 0.4214)

Have a look what the booklet for
Yxy(59.1911, 0.3907, 0.4214)
contains.

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Color

Yxy(59.2851, 0.3909, 0.4218)

Conversions

Conversions Part 1

Format	Color
Hex	DFCA78
RGB	223, 202, 120
RGB Percent	87%, 79%, 47%
CMY	0.1255, 0.2078, 0.5293
CMYK	0.00, 0.09, 0.46, 0.13
HSL	48°, 62%, 67%
HSV	48°, 46%, 87%
XYZ	54.9420, 59.2851, 26.3255
YIQ	198.9310, 38.8380, -21.0500

Conversions

Conversions Part 2

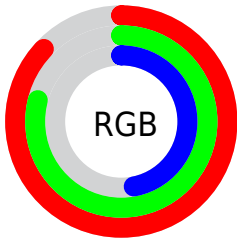
Format	Color
R_{YB}	146, 223, 120
Decimal	14666360
CIE _{Lab}	81.45, -3.52, 43.42
CIE _{LCh}	81, 43.561, 94.641
Yxy	59.2851, 0.3909, 0.4218
Android (android.graphics.Color)	4292856440 (0xFFDFCA78)
YUV	198.9310, -38.9130, 21.1085
Hunter-Lab	76.9968, -7.3736, 33.6263

Details

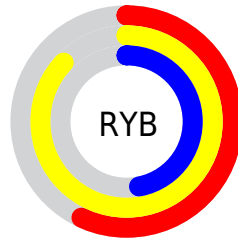
The Yxy color **59.2851, 0.3909, 0.4218** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.3773, 0.2307, 0.2139**, and the grayscale version is **57.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **29.7165, 0.4086, 0.4433** is the 20% darker color. If you saturate the color by 10%, you get **56.7060, 0.4083, 0.4394**, and if you desaturate by 10%, it is **62.0586, 0.3730, 0.4023**.

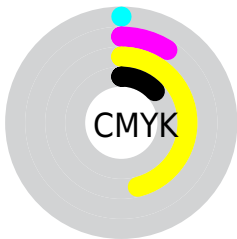
Distribution



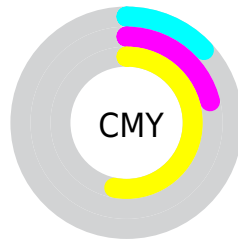
- Red (87%)
- Green (79%)
- Blue (47%)



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



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





- Cyan (13%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2851, 0.3909, 0.4218 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 59.2851, 0.3909, 0.4218 by changing the saturation by 10% instead.


 59.2851, 0.3909,
0.4218


 59.2851, 0.3909,
0.4218


421.9576, 0.3547,
0.3782

 42.8427, 0.3988,
0.4316

 103.7919, 0.3786,
0.4067

 29.7617, 0.4082,
0.4434

 132.6251, 0.3737,
0.4008

 19.6578, 0.4195,
0.4578


 166.3573, 0.3695,
0.3957

 12.1465, 0.4329,
0.4754

205.3729, 0.3658,
0.3913

 6.8435, 0.4483,
0.4969

250.0564, 0.3625,
0.3874

 3.3644, 0.4708,
0.5292

300.7920, 0.3596,

 1.3248, 0.4647,

0.3840

0.5353

357.9643, 0.3571,
0.3809

■ 0.1603, 0.2926,
0.7074

■ 0.0000, 0.0000,
0.0000

■ 59.2851, 0.3909,
0.4218

■ 59.2851, 0.3909,
0.4218

■ 56.7060, 0.4083,
0.4394

■ 62.0586, 0.3730,
0.4023

■ 54.3037, 0.4244,
0.4540

■ 65.0268, 0.3553,
0.3818


■ 52.0703, 0.4385,
0.4647

■ 68.2004, 0.3382,
0.3612

■ 49.9935, 0.4499,
0.4708

■ 71.5866, 0.3221,
0.3410

 48.0583, 0.4584,
0.4722

 75.1923, 0.3072,
0.3218

 47.3453, 0.4612,
0.4720

 79.0242, 0.2935,
0.3036

 81.6520, 0.2929,
0.3072

 84.2709, 0.2930,
0.3120

 86.9566, 0.2932,
0.3167

Harmonies

Analogous

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



59.2851, 0.4211, 0.3889



59.2851, 0.3909, 0.4218



59.2851, 0.3411, 0.4306

Triad

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



59.2851, 0.3909, 0.4218



59.2851, 0.2157, 0.2966



59.2851, 0.3328, 0.2676

Complementary

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



59.2851, 0.3909, 0.4218



28.3773, 0.2307, 0.2139

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.



59.2851, 0.2771, 0.2455



59.2851, 0.3909, 0.4218



59.2851, 0.2139, 0.2579

Square

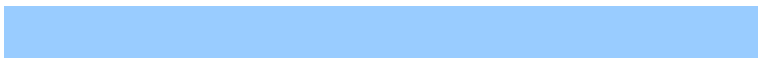
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.2851, 0.3909, 0.4218



59.2851, 0.2409, 0.3516



59.2851, 0.2352, 0.2413



59.2851, 0.3871, 0.3032

Rectangle

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



59.2851, 0.3909, 0.4218



59.2851, 0.3041, 0.4171



59.2851, 0.2352, 0.2413



59.2851, 0.3134, 0.2585

Sweetspot

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



59.2879, 0.3909, 0.4218



93.3551, 0.3347, 0.3570



31.0903, 0.4097, 0.3029



19.7738, 0.3383, 0.3614



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.



59.2879, 0.3909, 0.4218



77.1096, 0.4070, 0.4381



65.5743, 0.3579, 0.4515



15.5302, 0.3272, 0.3475



28.0057, 0.4604, 0.4726



2.0626, 0.4529, 0.4786

Inverse Universe

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



28.3773, 0.2307, 0.2139



30.5942, 0.2129, 0.1863



25.1762, 0.2486, 0.1928



13.6936, 0.2981, 0.3098



4.3861, 0.1558, 0.0808



0.4315, 0.1635, 0.1085

Previews

White Background



This preview shows how the Yxy color 59.2851, 0.3909, 0.4218 looks on a white background.

Color Contrast Check

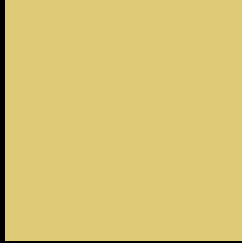
Large Text (above 18pt) WCAG AA × Fail

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 59.2851, 0.3909, 0.4218 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 59.2851, 0.3909, 0.4218

Background



This preview shows how black text looks on a background with the Yxy color 59.2851, 0.3909, 0.4218.

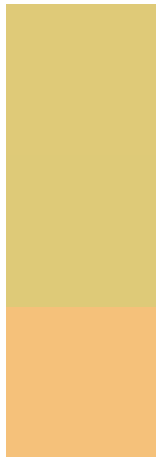


This preview shows how white text looks on a background with the Yxy color 59.2851, 0.3909, 0.4218.

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

59.2851, 0.3909, 0.4218

Protanopia

59.1267, 0.3901, 0.4221

Deuteranopia

58.9575, 0.4131, 0.4043



Tritanopia

59.3601, 0.3338, 0.3126

Trichromacy



Original Color

59.2851, 0.3909, 0.4218

Protanomaly

59.1267, 0.3901, 0.4221

Deuteranomaly

58.8649, 0.4054, 0.4106

Tritanomaly

59.2330, 0.3562, 0.3529

Monochromacy



Original Color

59.2851, 0.3909, 0.4218

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6207, 0.3416, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2851, 0.3909, 0.4218 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(223, 202, 120)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 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(223, 202, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 120) }
```

Border

The CSS property to change the border of an element to Yxy 59.2851, 0.3909, 0.4218 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(223, 202, 120) }
```

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

```
.border{ border-color:rgb(223, 202, 120) }
```

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

Here you see how a box with a 4 pixel rgb(223, 202, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 120);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2851, 0.3909, 0.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 202, 120) }
```

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

```
.background{ background-color: rgb(223,  
202, 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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