

Converting Colors

Yxy(58.2547, 0.3865, 0.4292)

Have a look what the booklet for
Yxy(58.2547, 0.3865, 0.4292)
contains.

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Color

Yxy(58.4199, 0.3863, 0.4296)

Conversions

Conversions Part 1

Format	Color
Hex	D7CB74
RGB	215, 203, 116
RGB Percent	84%, 80%, 45%
CMY	0.1569, 0.2039, 0.5450
CMYK	0.00, 0.06, 0.46, 0.16
HSL	53°, 55%, 65%
HSV	53°, 46%, 84%
XYZ	52.5317, 58.4199, 25.0352
YIQ	196.6700, 35.0790, -24.5130

Conversions

Conversions Part 2

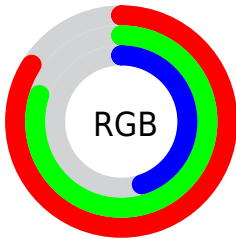
Format	Color
RYB	130, 215, 116
Decimal	14142324
CIELab	80.97, -7.65, 44.67
CIELCh	81, 45.318, 99.723
Yxy	58.4199, 0.3863, 0.4296
Android (android.graphics.Color)	4292332404 (0xFFD7CB74)
YUV	196.6700, -39.7703, 16.0754
Hunter-Lab	76.4329, -11.0761, 34.0829

Details

The Yxy color **58.4199, 0.3863, 0.4296** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.0591, 0.2290, 0.2026**, and the grayscale version is **55.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **29.1456, 0.4018, 0.4539** is the 20% darker color. If you saturate the color by 10%, you get **56.7593, 0.4015, 0.4485**, and if you desaturate by 10%, it is **60.2223, 0.3701, 0.4086**.

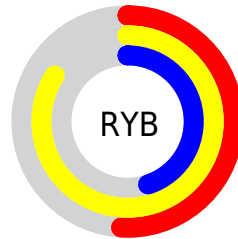
Distribution



Red (84%)

Green (80%)

Blue (45%)



Red (51%)

Yellow (84%)

Blue (45%)

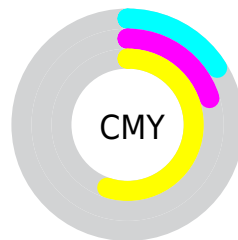


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (16%)



Cyan (16%)


Magenta (20%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4199, 0.3863, 0.4296 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 58.4199, 0.3863, 0.4296 by changing the saturation by 10% instead.


 58.4199, 0.3863,
0.4296


 58.4199, 0.3863,
0.4296


418.7488, 0.3526,
0.3817


 42.1463, 0.3935,
0.4405


 102.5341, 0.3749,
0.4129

 29.2159, 0.4021,
0.4537


 131.1435, 0.3704,
0.4065

 19.2442, 0.4121,
0.4700

 164.6336, 0.3664,
0.4009

 11.8469, 0.4235,
0.4900

203.3888, 0.3629,
0.3960

 6.6395, 0.4367,
0.5158

247.7935, 0.3599,
0.3918

 3.2377, 0.4505,
0.5495

298.2322, 0.3572,

 1.2570, 0.4366,

0.3880

0.5634

355.0891, 0.3548,
0.3847

0.1076, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.4199, 0.3863,
0.4296

58.4199, 0.3863,
0.4296

56.7593, 0.4015,
0.4485

60.2223, 0.3701,
0.4086

55.2243, 0.4150,
0.4642


62.1658, 0.3536,
0.3864


53.8083, 0.4263,
0.4760


64.2600, 0.3374,
0.3640

52.5005, 0.4349,
0.4834

66.5112, 0.3217,
0.3419


 51.2875, 0.4407,
0.4863

 68.9253, 0.3070,
0.3207

 50.8234, 0.4426,
0.4868

 71.5080, 0.2933,
0.3007

 73.5006, 0.2874,
0.2934

 74.8879, 0.2875,
0.2962

 76.2966, 0.2876,
0.2990

Harmonies

Analogous

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



58.4199, 0.4224, 0.3979



58.4199, 0.3863, 0.4296



58.4199, 0.3323, 0.4336

Triad

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



58.4199, 0.3863, 0.4296



58.4199, 0.2097, 0.2865



58.4199, 0.3438, 0.2705

Complementary

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



58.4199, 0.3863, 0.4296



24.0591, 0.2290, 0.2026

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.



58.4199, 0.2846, 0.2449



58.4199, 0.3863, 0.4296



58.4199, 0.2121, 0.2503

Square

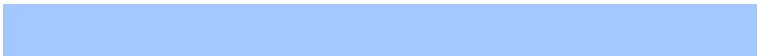
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.4199, 0.3863, 0.4296



58.4199, 0.2317, 0.3422



58.4199, 0.2379, 0.2370



58.4199, 0.3984, 0.3091

Rectangle

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



58.4199, 0.3863, 0.4296



58.4199, 0.2939, 0.4152



58.4199, 0.2379, 0.2370



58.4199, 0.3236, 0.2603

Sweetspot

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



58.4226, 0.3863, 0.4296



95.1831, 0.3343, 0.3598



28.5315, 0.4198, 0.3131



20.2232, 0.3378, 0.3646



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.



58.4226, 0.3863, 0.4296



83.6513, 0.4008, 0.4476



59.4063, 0.3511, 0.4537



14.2513, 0.3269, 0.3493



30.5056, 0.4422, 0.4871



1.9139, 0.4377, 0.4907

Inverse Universe

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



24.0591, 0.2290, 0.2026



27.2780, 0.2098, 0.1719



24.1060, 0.2565, 0.1961



12.2485, 0.2981, 0.3078



3.4595, 0.1527, 0.0695



0.2909, 0.1591, 0.0927

Previews

White Background



This preview shows how the Yxy color 58.4199, 0.3863, 0.4296 looks on a white background.

Color Contrast Check

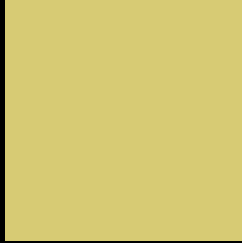
Large Text (above 18pt) WCAG AA × Fail

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 58.4199, 0.3863, 0.4296 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 58.4199, 0.3863, 0.4296

Background



This preview shows how black text looks on a background with the Yxy color 58.4199, 0.3863, 0.4296.



This preview shows how white text looks on a background with the Yxy color 58.4199, 0.3863, 0.4296.

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

58.4199, 0.3863, 0.4296

Protanopia

58.3832, 0.3932, 0.4267

Deuteranopia

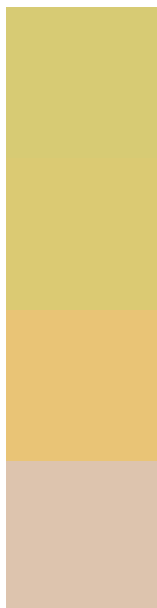
58.2643, 0.4151, 0.4065



Tritanopia

58.2118, 0.3281, 0.3123

Trichromacy



Original Color

58.4199, 0.3863, 0.4296

Protanomaly

58.5389, 0.3909, 0.4283

Deuteranomaly

58.1115, 0.4041, 0.4148

Tritanomaly

57.9080, 0.3502, 0.3546

Monochromacy



Original Color

58.4199, 0.3863, 0.4296

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5114, 0.3400, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4199, 0.3863, 0.4296 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(215, 203, 116)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 116)  
}
```

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(215, 203, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 116) }
```

Border

The CSS property to change the border of an element to Yxy 58.4199, 0.3863, 0.4296 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(215, 203, 116) }
```

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

```
.border{ border-color:rgb(215, 203, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 116);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4199, 0.3863, 0.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 116) }
```

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

```
.background{ background-color: rgb(215,  
203, 116) }
```

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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