

Converting Colors

Yxy(58.4711, 0.3822, 0.4063)

Have a look what the booklet for
Yxy(58.4711, 0.3822, 0.4063)
contains.

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Color

Yxy(58.5316, 0.3817, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	DEC885
RGB	222, 200, 133
RGB Percent	87%, 78%, 52%
CMY	0.1294, 0.2157, 0.4785
CMYK	0.00, 0.10, 0.40, 0.13
HSL	45°, 57%, 70%
HSV	45°, 40%, 87%
XYZ	55.0148, 58.5316, 30.5846
YIQ	198.9400, 34.6190, -16.1730

Conversions

Conversions Part 2

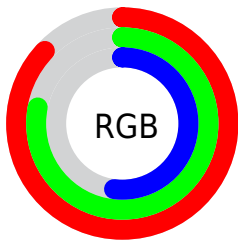
Format	Color
R _Y B	162, 222, 133
Decimal	14600325
CIE Lab	81.03, -1.55, 36.32
CIE LCh	81, 36.350, 92.450
Yxy	58.5316, 0.3817, 0.4061
Android (android.graphics.Color)	4292790405 (0xFFDEC885)
YUV	198.9400, -32.5084, 20.2236
Hunter-Lab	76.5059, -5.5275, 29.8519

Details

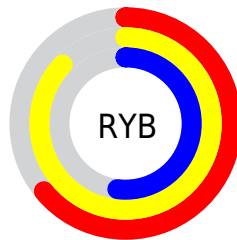
The Yxy color **58.5316, 0.3817, 0.4061** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7047, 0.2434, 0.2372**, and the grayscale version is **57.2633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **29.1663, 0.3979, 0.4248** is the 20% darker color. If you saturate the color by 10%, you get **55.4867, 0.4005, 0.4242**, and if you desaturate by 10%, it is **61.8030, 0.3631, 0.3868**.

Distribution



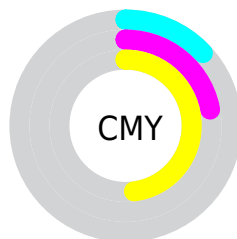
- Red (87%)
- Green (78%)
- Blue (52%)



- Red (64%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5316, 0.3817, 0.4061 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 58.5316, 0.3817, 0.4061 by changing the saturation by 10% instead.


 58.5316, 0.3817,
0.4061

 58.5316, 0.3817,
0.4061

419.1639, 0.3492,
0.3696

 42.2362, 0.3890,
0.4144


 102.6966, 0.3704,
0.3934

 29.2863, 0.3980,
0.4247


 131.3349, 0.3661,
0.3884

 19.2975, 0.4090,
0.4374


 164.8564, 0.3623,
0.3842

 11.8854, 0.4228,
0.4534

203.6453, 0.3590,
0.3805

 6.6657, 0.4398,
0.4735

248.0861, 0.3561,
0.3773

 3.2539, 0.4800,
0.5200

298.5633, 0.3535,

 1.2657, 0.4772,

0.3744

0.5228

355.4610, 0.3513,
0.3718

■ 0.1144, 0.3823,
0.6177

■ 0.0000, 0.0000,
0.0000

■ 58.5316, 0.3817,
0.4061

■ 58.5316, 0.3817,
0.4061

■ 55.4867, 0.4005,
0.4242

■ 61.8030, 0.3631,
0.3868

■ 52.6508, 0.4189,
0.4400

■ 65.3011, 0.3452,
0.3671

■ 50.0167, 0.4358,
0.4526

■ 69.0365, 0.3284,
0.3478

■ 47.5727, 0.4506,
0.4609

■ 73.0166, 0.3129,
0.3292

45.3055, 0.4626,
0.4644

77.2483, 0.2987,
0.3116

43.2120, 0.4717,
0.4636

80.9958, 0.2923,
0.3063

84.1516, 0.2924,
0.3120

87.4050, 0.2926,
0.3177

90.7567, 0.2927,
0.3233

Harmonies

Analogous

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



58.5316, 0.4048, 0.3784



58.5316, 0.3817, 0.4061



58.5316, 0.3408, 0.4138

Triad

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



58.5316, 0.3817, 0.4061



58.5316, 0.2311, 0.3056



58.5316, 0.3264, 0.2748

Complementary

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



58.5316, 0.3817, 0.4061



33.7047, 0.2434, 0.2372

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.



58.5316, 0.2798, 0.2568



58.5316, 0.3817, 0.4061



58.5316, 0.2279, 0.2712

Square

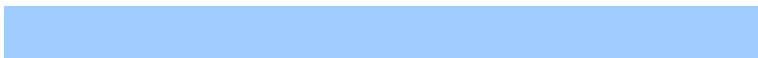
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.5316, 0.3817, 0.4061



58.5316, 0.2546, 0.3517



58.5316, 0.2449, 0.2548



58.5316, 0.3721, 0.3050

Rectangle

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



58.5316, 0.3817, 0.4061



58.5316, 0.3096, 0.4035



58.5316, 0.2449, 0.2548



58.5316, 0.3102, 0.2672

Sweetspot

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



58.5343, 0.3817, 0.4061



93.4505, 0.3316, 0.3516



34.6795, 0.3879, 0.3026



19.8560, 0.3338, 0.3541



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.



58.5343, 0.3817, 0.4061



76.6491, 0.3973, 0.4212



66.1895, 0.3550, 0.4343



15.4254, 0.3273, 0.3465



25.8471, 0.4708, 0.4644



1.9297, 0.4612, 0.4720

Inverse Universe

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



33.7047, 0.2434, 0.2372



38.3209, 0.2277, 0.2142



29.0405, 0.2564, 0.2119



13.7911, 0.2981, 0.3108



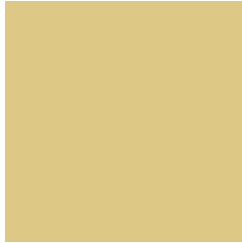
4.8975, 0.1580, 0.0888



0.4796, 0.1662, 0.1182

Previews

White Background



This preview shows how the Yxy color 58.5316, 0.3817, 0.4061 looks on a white background.

Color Contrast Check

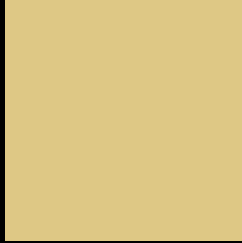
Large Text (above 18pt) WCAG AA × Fail

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 58.5316, 0.3817, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

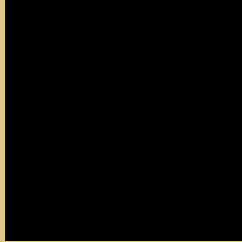
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5316, 0.3817, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 58.5316, 0.3817, 0.4061.



This preview shows how white text looks on a background with the Yxy color 58.5316, 0.3817, 0.4061.

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

58.5316, 0.3817, 0.4061

Protanopia

58.3722, 0.3778, 0.4082

Deuteranopia

58.5900, 0.3997, 0.3922



Tritanopia

58.5408, 0.3331, 0.3125

Trichromacy



Original Color

58.5316, 0.3817, 0.4061

Protanomaly

58.5268, 0.3787, 0.4079

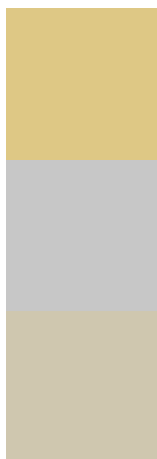
Deuteranomaly

58.6935, 0.3931, 0.3979

Tritanomaly

58.1691, 0.3518, 0.3462

Monochromacy



Original Color

58.5316, 0.3817, 0.4061

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2074, 0.3371, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5316, 0.3817, 0.4061 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(222, 200, 133)` looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 133)  
}
```

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(222, 200, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 133) }
```

Border

The CSS property to change the border of an element to Yxy 58.5316, 0.3817, 0.4061 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(222, 200, 133) }
```

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

```
.border{ border-color:rgb(222, 200, 133) }
```

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

Here you see how a box with a 4 pixel rgb(222, 200, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 200, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 200, 133);  
box-shadow:4px 4px 4px 4px rgb(222, 200,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5316, 0.3817, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 133) }
```

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

```
.background{ background-color: rgb(222,  
200, 133) }
```

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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