

Converting Colors

$Yxy(60.5694, 0.3614, 0.3886)$

Have a look what the booklet for
Yxy(60.5694, 0.3614, 0.3886)
contains.

Yxy(60.3911, 0.3618, 0.3884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3911, 0.3618, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	DACC99
RGB	218, 204, 153
RGB Percent	85%, 80%, 60%
CMY	0.1451, 0.2000, 0.3999
CMYK	0.00, 0.06, 0.30, 0.15
HSL	47°, 47%, 73%
HSV	47°, 30%, 85%
XYZ	56.2551, 60.3911, 38.8406
YIQ	202.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

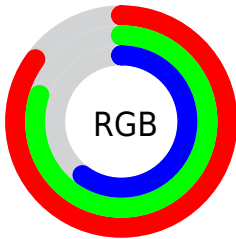
Format	Color
RYB	171, 218, 153
Decimal	14339225
CIELab	82.05, -2.83, 27.21
CIELCh	82, 27.357, 95.935
Yxy	60.3911, 0.3618, 0.3884
Android (android.graphics.Color)	4292529305 (0xFFDACC99)
YUV	202.3720, -24.3404, 13.7058
Hunter-Lab	77.7117, -6.7802, 24.7648

Details

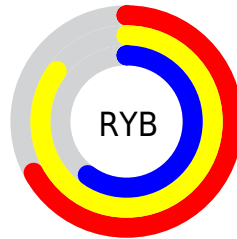
The Yxy color **60.3911, 0.3618, 0.3884** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4774, 0.2625, 0.2615**, and the grayscale version is **59.4525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **30.4534, 0.3730, 0.4027** is the 20% darker color. If you saturate the color by 10%, you get **57.5411, 0.3798, 0.4084**, and if you desaturate by 10%, it is **63.4454, 0.3443, 0.3680**.

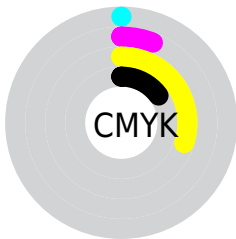
Distribution



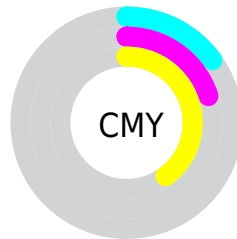
- Red (85%)
- Green (80%)
- Blue (60%)



- Red (67%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3911, 0.3618, 0.3884 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 60.3911, 0.3618, 0.3884 by changing the saturation by 10% instead.

 60.3911, 0.3618,
0.3884


 60.3911, 0.3618,
0.3884


426.0379, 0.3386,
0.3600

 43.7339, 0.3671,
0.3950


 105.3968, 0.3537,
0.3784

 30.4614, 0.3737,
0.4033


 134.5141, 0.3506,
0.3746

 20.1891, 0.3820,
0.4138


168.5537, 0.3479,
0.3713

 12.5326, 0.3927,
0.4275

207.8998, 0.3455,
0.3684

 7.1075, 0.4068,
0.4461

252.9368, 0.3435,
0.3659

 3.5294, 0.4263,
0.4725

304.0493, 0.3417,

 1.4140, 0.4696,

0.3637

0.5304

361.6215, 0.3401,
0.3618

0.2270, 0.3926,
0.6074

0.0000, 0.0000,
0.0000

60.3911, 0.3618,
0.3884

60.3911, 0.3618,
0.3884

57.5411, 0.3798,
0.4084

63.4454, 0.3443,
0.3680

54.8793, 0.3979,
0.4271

66.7029, 0.3278,
0.3479

52.4002, 0.4152,
0.4436

70.1732, 0.3124,
0.3286

50.0942, 0.4311,
0.4567

73.8625, 0.2983,
0.3104

47.9510, 0.4447,
0.4656

77.3163, 0.2896,
0.3003

45.9579, 0.4555,
0.4699

79.9248, 0.2897,
0.3053

44.0938, 0.4637,
0.4699

82.6037, 0.2899,
0.3102

44.0572, 0.4638,
0.4699

85.3538, 0.2901,
0.3151

88.1754, 0.2903,
0.3200

Harmonies

Analogous

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



60.3911, 0.3804, 0.3701



60.3911, 0.3618, 0.3884



60.3911, 0.3305, 0.3905

Triad

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



60.3911, 0.3618, 0.3884



60.3911, 0.2497, 0.3088



60.3911, 0.3275, 0.2900

Complementary

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



60.3911, 0.3618, 0.3884



39.4774, 0.2625, 0.2615

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.



60.3911, 0.2922, 0.2749



60.3911, 0.3618, 0.3884



60.3911, 0.2490, 0.2838

Square

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



60.3911, 0.3618, 0.3884



60.3911, 0.2663, 0.3421



60.3911, 0.2640, 0.2722



60.3911, 0.3603, 0.3143

Rectangle

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



60.3911, 0.3618, 0.3884



60.3911, 0.3070, 0.3810



60.3911, 0.2640, 0.2722



60.3911, 0.3154, 0.2837

Sweetspot

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



60.3938, 0.3618, 0.3884



95.4981, 0.3266, 0.3465



40.4895, 0.3646, 0.3121



20.2898, 0.3290, 0.3494



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.



60.3938, 0.3618, 0.3884



83.4676, 0.3735, 0.4015



64.6593, 0.3431, 0.4068



14.7634, 0.3272, 0.3472



26.5613, 0.4630, 0.4705



1.8416, 0.4545, 0.4773

Inverse Universe

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



39.4774, 0.2625, 0.2615



48.8768, 0.2501, 0.2439



36.5602, 0.2753, 0.2458



13.0692, 0.2981, 0.3101



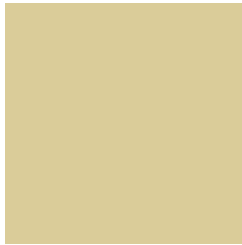
4.3757, 0.1564, 0.0829



0.4109, 0.1648, 0.1132

Previews

White Background



This preview shows how the Yxy color 60.3911, 0.3618, 0.3884 looks on a white background.

Color Contrast Check

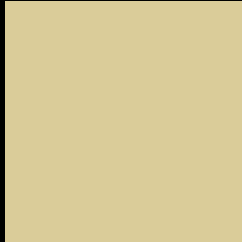
Large Text (above 18pt) WCAG AA × Fail

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 60.3911, 0.3618, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

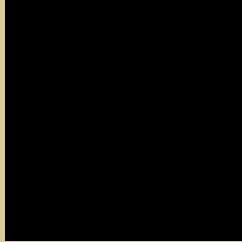
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3911, 0.3618, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 60.3911, 0.3618, 0.3884.



This preview shows how white text looks on a background with the Yxy color 60.3911, 0.3618, 0.3884.

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

60.3911, 0.3618, 0.3884

Protanopia

60.5457, 0.3627, 0.3883

Deuteranopia

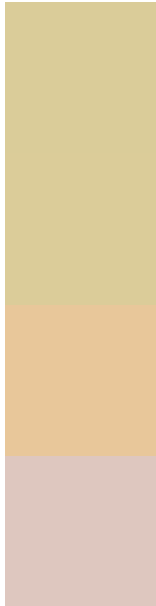
60.3717, 0.3817, 0.3741



Tritanopia

60.2409, 0.3239, 0.3113

Trichromacy



Original Color

60.3911, 0.3618, 0.3884

Protanomaly

60.5457, 0.3627, 0.3883

Deuteranomaly

60.3357, 0.3745, 0.3796

Tritanomaly

60.1380, 0.3371, 0.3382

Monochromacy



Original Color

60.3911, 0.3618, 0.3884

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5825, 0.3305, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3911, 0.3618, 0.3884 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(218, 204, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 153)  
}
```

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(218, 204, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 153) }
```

Border

The CSS property to change the border of an element to Yxy 60.3911, 0.3618, 0.3884 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(218, 204, 153) }
```

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

```
.border{ border-color:rgb(218, 204, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 153);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3911, 0.3618, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 153) }
```

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

```
.background{ background-color: rgb(218,  
204, 153) }
```

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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