

Converting Colors

$Yxy(60.5278, 0.3399, 0.4044)$

Have a look what the booklet for
Yxy(60.5278, 0.3399, 0.4044)
contains.

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Color

Yxy(60.5278, 0.3399, 0.4044)

Conversions

Conversions Part 1

Format	Color
Hex	C0D497
RGB	192, 212, 151
RGB Percent	75%, 83%, 59%
CMY	0.2469, 0.1686, 0.4079
CMYK	0.09, 0.00, 0.29, 0.17
HSL	80°, 41%, 71%
HSV	80°, 29%, 83%
XYZ	50.8739, 60.5278, 38.2714
YIQ	199.0660, 7.6610, -23.2110

Conversions

Conversions Part 2

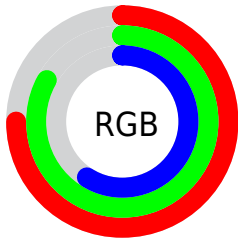
Format	Color
RYB	151, 212, 171
Decimal	12637335
CIELab	82.12, -16.98, 28.03
CIElCh	82, 32.777, 121.209
Yxy	60.5278, 0.3399, 0.4044
Android (android.graphics.Color)	4290827415 (0xFFC0D497)
YUV	199.0660, -23.6965, -6.1969
Hunter-Lab	77.7996, -19.4265, 25.2936

Details

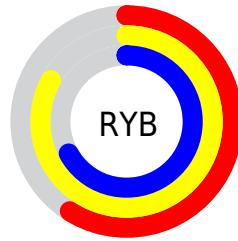
The Yxy color **60.5278, 0.3399, 0.4044** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5317, 0.2792, 0.2497**, and the grayscale version is **57.3043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1160, 0.3378, 0.3777**, and **30.4373, 0.3455, 0.4233** is the 20% darker color. If you saturate the color by 10%, you get **59.0184, 0.3486, 0.4323**, and if you desaturate by 10%, it is **62.2090, 0.3306, 0.3770**.

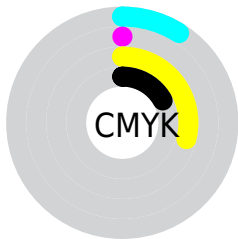
Distribution



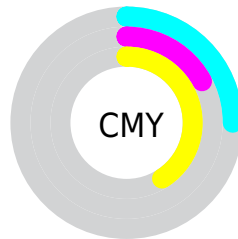
- Red (75%)
- Green (83%)
- Blue (59%)



- Red (59%)
- Yellow (83%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)





- Cyan (25%)
- Magenta (17%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5278, 0.3399, 0.4044 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 60.5278, 0.3399, 0.4044 by changing the saturation by 10% instead.

 60.5278, 0.3399,
0.4044

 60.5278, 0.3399,
0.4044


426.5405, 0.3277,
0.3674

 43.8442, 0.3425,
0.4134


 105.5949, 0.3358,
0.3911

 30.5480, 0.3456,
0.4247


 134.7472, 0.3341,
0.3861

 20.2549, 0.3493,
0.4395


168.8246, 0.3327,
0.3818

 12.5805, 0.3537,
0.4594

208.2113, 0.3314,
0.3781

 7.1403, 0.3585,
0.4874

253.2919, 0.3303,
0.3749

 3.5500, 0.3636,
0.5307

304.4507, 0.3294,

 1.4252, 0.3767,

0.3721

0.6233

362.0721, 0.3285,
0.3696

0.2352, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.5278, 0.3399,
0.4044

60.5278, 0.3399,
0.4044

59.0184, 0.3486,
0.4323

62.2090, 0.3306,
0.3770

57.6656, 0.3561,
0.4596


64.0608, 0.3210,
0.3507

56.4642, 0.3620,
0.4852

66.0921, 0.3116,
0.3261

55.4056, 0.3658,
0.5079

68.3088, 0.3024,
0.3033


 54.4799, 0.3672,
0.5265


 70.5884, 0.2949,
0.2845


 53.6757, 0.3661,
0.5403

 71.7368, 0.2997,
0.2851

 52.9754, 0.3628,
0.5495

 72.9311, 0.3045,
0.2857

 52.8943, 0.3623,
0.5505

 74.1718, 0.3094,
0.2864

 75.4594, 0.3143,
0.2870

Harmonies

Analogous

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



60.5278, 0.3758, 0.3974



60.5278, 0.3399, 0.4044



60.5278, 0.2982, 0.3874

Triad

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



60.5278, 0.3399, 0.4044



60.5278, 0.2361, 0.2785



60.5278, 0.3642, 0.3063

Complementary

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



60.5278, 0.3399, 0.4044



35.5317, 0.2792, 0.2497

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.



60.5278, 0.3233, 0.2793



60.5278, 0.3399, 0.4044



60.5278, 0.2509, 0.2627

Square

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



60.5278, 0.3399, 0.4044



60.5278, 0.2400, 0.3101



60.5278, 0.2819, 0.2635



60.5278, 0.3913, 0.3396

Rectangle

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



60.5278, 0.3399, 0.4044



60.5278, 0.2728, 0.3645



60.5278, 0.2819, 0.2635



60.5278, 0.3515, 0.2963

Sweetspot

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



60.5305, 0.3399, 0.4044



97.2131, 0.3213, 0.3515



45.0935, 0.3692, 0.3530



20.7157, 0.3228, 0.3553



0.0000, 0.0000, 0.0000



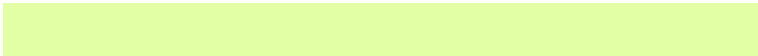
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5305, 0.3399, 0.4044



90.4020, 0.3457, 0.4228



57.0177, 0.3169, 0.4101



14.3070, 0.3217, 0.3524



32.7121, 0.3631, 0.5499



2.0170, 0.3730, 0.5420

Inverse Universe

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



35.5317, 0.2792, 0.2497



45.9958, 0.2696, 0.2291



39.2719, 0.3058, 0.2556



12.2039, 0.3032, 0.3053



3.7718, 0.1742, 0.0733



0.2718, 0.1935, 0.0840

Previews

White Background



This preview shows how the Yxy color 60.5278, 0.3399, 0.4044 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 60.5278, 0.3399, 0.4044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

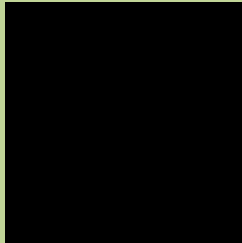
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5278, 0.3399, 0.4044

Background



This preview shows how black text looks on a background with the Yxy color 60.5278, 0.3399, 0.4044.



This preview shows how white text looks on a background with the Yxy color 60.5278, 0.3399, 0.4044.

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

60.5278, 0.3399, 0.4044

Protanopia

60.3524, 0.3672, 0.3952

Deuteranopia

60.3382, 0.3825, 0.3752



Tritanopia

60.3829, 0.3008, 0.3105

Trichromacy



Original Color

60.5278, 0.3399, 0.4044

Protanomaly

60.3191, 0.3571, 0.3992

Deuteranomaly

60.2289, 0.3667, 0.3854

Tritanomaly

60.0434, 0.3151, 0.3434

Monochromacy



Original Color

60.5278, 0.3399, 0.4044

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.2989, 0.3223, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5278, 0.3399, 0.4044 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(192, 212, 151)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 151)  
}
```

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(192, 212, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 151) }
```

Border

The CSS property to change the border of an element to Yxy 60.5278, 0.3399, 0.4044 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(192, 212, 151) }
```

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

```
.border{ border-color:rgb(192, 212, 151) }
```

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

Here you see how a box with a 4 pixel rgb(192, 212, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 151);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5278, 0.3399, 0.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 151) }
```

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

```
.background{ background-color: rgb(192,  
212, 151) }
```

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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