

Converting Colors

Yxy(60.2127, 0.3463, 0.3850)

Have a look what the booklet for
Yxy(60.2127, 0.3463, 0.3850)
contains.

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Color

Yxy(60.2855, 0.3459, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	CECFA0
RGB	206, 207, 160
RGB Percent	81%, 81%, 63%
CMY	0.1922, 0.1882, 0.3726
CMYK	0.00, 0.00, 0.23, 0.19
HSL	61°, 33%, 72%
HSV	61°, 23%, 81%
XYZ	54.1068, 60.2855, 42.0309
YIQ	201.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

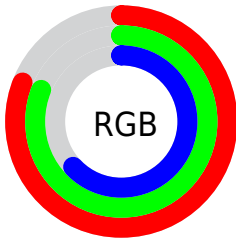
Format	Color
RYB	160, 207, 161
Decimal	13553568
CIELab	81.99, -8.00, 23.33
CIELCh	82, 24.662, 108.918
Yxy	60.2855, 0.3459, 0.3854
Android (android.graphics.Color)	4291743648 (0xFFCECFA0)
YUV	201.3430, -20.3821, 4.0842
Hunter-Lab	77.6437, -11.4871, 22.2551

Details

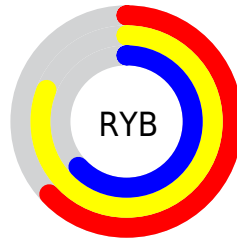
The Yxy color **60.2855, 0.3459, 0.3854** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2166, 0.2753, 0.2660**, and the grayscale version is **58.7539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **30.4445, 0.3536, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **59.5586, 0.3605, 0.4103**, and if you desaturate by 10%, it is **61.1386, 0.3311, 0.3602**.

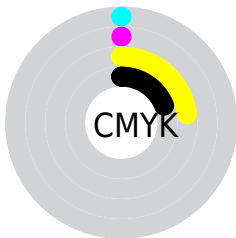
Distribution



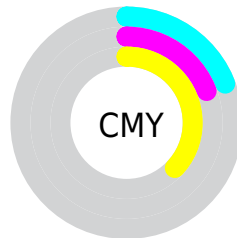
- Red (81%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2855, 0.3459, 0.3854 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 60.2855, 0.3459, 0.3854 by changing the saturation by 10% instead.

 60.2855, 0.3459,
0.3854


 60.2855, 0.3459,
0.3854


425.6493, 0.3303,
0.3581

 43.6488, 0.3495,
0.3919


 105.2437, 0.3405,
0.3757

 30.3945, 0.3538,
0.4002


 134.3340, 0.3384,
0.3720

 20.1382, 0.3594,
0.4108


168.3443, 0.3366,
0.3688

 12.4956, 0.3664,
0.4250

207.6590, 0.3350,
0.3661

 7.0821, 0.3757,
0.4449

252.6624, 0.3336,
0.3637

 3.5135, 0.3879,
0.4743

303.7390, 0.3324,

 1.4053, 0.4362,

0.3616

0.5638

361.2732, 0.3313,
0.3597

0.2207, 0.0618,
0.9382

0.0000, 0.0000,
0.0000

60.2855, 0.3459,
0.3854

60.2855, 0.3459,
0.3854

59.5586, 0.3605,
0.4103

61.1386, 0.3311,
0.3602

58.9438, 0.3743,
0.4341

62.1154, 0.3166,
0.3356

58.4374, 0.3868,
0.4558

63.2239, 0.3026,
0.3119

58.0322, 0.3974,
0.4744

64.4688, 0.2894,
0.2897

■ 57.7203, 0.4056,
0.4891

■ 65.2963, 0.2822,
0.2773

■ 57.4925, 0.4113,
0.4996

■ 65.3620, 0.2825,
0.2774

■ 57.3378, 0.4144,
0.5058

■ 65.4278, 0.2828,
0.2774

■ 57.2571, 0.4155,
0.5083

■ 65.4938, 0.2831,
0.2775

■ 65.5600, 0.2834,
0.2775

Harmonies

Analogous

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



60.2855, 0.3684, 0.3749



60.2855, 0.3459, 0.3854



60.2855, 0.3151, 0.3795

Triad

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



60.2855, 0.3459, 0.3854



60.2855, 0.2535, 0.2999



60.2855, 0.3398, 0.3024

Complementary

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



60.2855, 0.3459, 0.3854



37.2166, 0.2753, 0.2660

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.



60.2855, 0.3077, 0.2845



60.2855, 0.3459, 0.3854



60.2855, 0.2591, 0.2820

Square

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



60.2855, 0.3459, 0.3854



60.2855, 0.2626, 0.3276



60.2855, 0.2785, 0.2770



60.2855, 0.3652, 0.3270

Rectangle

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



60.2855, 0.3459, 0.3854



60.2855, 0.2943, 0.3664



60.2855, 0.2785, 0.2770



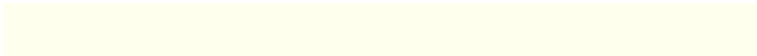
60.2855, 0.3293, 0.2955

Sweetspot

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



60.2882, 0.3459, 0.3854



98.8294, 0.3229, 0.3462



41.2106, 0.3587, 0.3301



21.1330, 0.3238, 0.3477



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.



60.2882, 0.3459, 0.3854



96.0479, 0.3527, 0.3970



57.2002, 0.3272, 0.3889



13.7839, 0.3263, 0.3520



36.0758, 0.4156, 0.5082



2.0214, 0.4163, 0.5077

Inverse Universe

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



37.2166, 0.2753, 0.2660



53.0482, 0.2665, 0.2511



39.8640, 0.2951, 0.2694



11.4298, 0.2985, 0.3050



2.8620, 0.1508, 0.0604



0.1644, 0.1532, 0.0618

Previews

White Background



This preview shows how the Yxy color 60.2855, 0.3459, 0.3854 looks on a white background.

Color Contrast Check

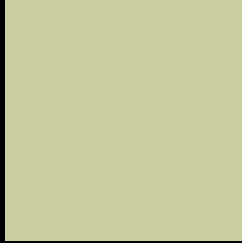
Large Text (above 18pt) WCAG AA × Fail

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 60.2855, 0.3459, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

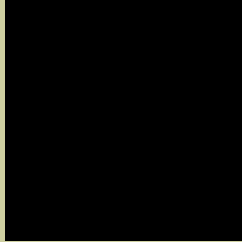
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2855, 0.3459, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 60.2855, 0.3459, 0.3854.



This preview shows how white text looks on a background with the Yxy color 60.2855, 0.3459, 0.3854.

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

60.2855, 0.3459, 0.3854

Protanopia

59.9322, 0.3575, 0.3817

Deuteranopia

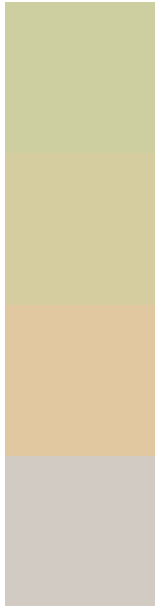
60.2656, 0.3743, 0.3667



Tritanopia

60.3610, 0.3120, 0.3120

Trichromacy



Original Color

60.2855, 0.3459, 0.3854

Protanomaly

59.8351, 0.3532, 0.3822

Deuteranomaly

60.0505, 0.3637, 0.3736

Tritanomaly

60.3536, 0.3240, 0.3384

Monochromacy



Original Color

60.2855, 0.3459, 0.3854

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9536, 0.3250, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2855, 0.3459, 0.3854 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(206, 207, 160)` looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 160)  
}
```

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(206, 207, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 160) }
```

Border

The CSS property to change the border of an element to Yxy 60.2855, 0.3459, 0.3854 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(206, 207, 160) }
```

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

```
.border{ border-color:rgb(206, 207, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 207, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 160);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2855, 0.3459, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 160) }
```

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

```
.background{ background-color: rgb(206,  
207, 160) }
```

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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