

Converting Colors

$Yxy(59.4373, 0.3352, 0.3963)$

Have a look what the booklet for
Yxy(59.4373, 0.3352, 0.3963)
contains.

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Color

Yxy(59.4406, 0.3352, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	BED29C
RGB	190, 210, 156
RGB Percent	75%, 82%, 61%
CMY	0.2550, 0.1764, 0.3883
CMYK	0.10, 0.00, 0.26, 0.18
HSL	82°, 38%, 72%
HSV	82°, 26%, 82%
XYZ	50.2763, 59.4406, 40.2720
YIQ	197.8640, 5.4140, -21.0340

Conversions

Conversions Part 2

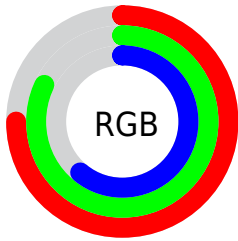
Format	Color
RYB	156, 210, 176
Decimal	12505756
CIELab	81.53, -16.03, 24.60
CIELCh	82, 29.361, 123.096
Yxy	59.4406, 0.3352, 0.3963
Android (android.graphics.Color)	4290695836 (0xFFBED29C)
YUV	197.8640, -20.6390, -6.8967
Hunter-Lab	77.0977, -18.5192, 22.9983

Details

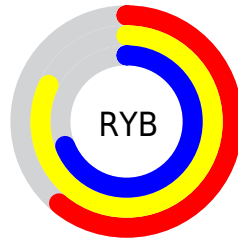
The Yxy color **59.4406, 0.3352, 0.3963** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6629, 0.2854, 0.2594**, and the grayscale version is **56.5084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9973, 0.3335, 0.3728**, and **30.0107, 0.3401, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **57.8156, 0.3433, 0.4245**, and if you desaturate by 10%, it is **61.2474, 0.3265, 0.3689**.

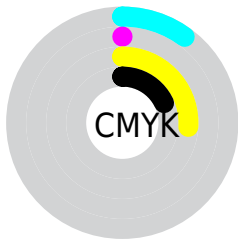
Distribution



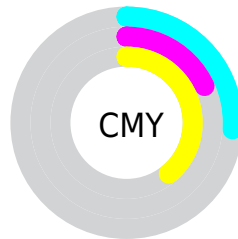
- Red (75%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (26%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4406, 0.3352, 0.3963 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 59.4406, 0.3352, 0.3963 by changing the saturation by 10% instead.


 59.4406, 0.3352,
0.3963


 59.4406, 0.3352,
0.3963


422.5328, 0.3250,
0.3631

 42.9679, 0.3374,
0.4044


 104.0178, 0.3317,
0.3844

 29.8599, 0.3401,
0.4146


 132.8910, 0.3304,
0.3799

 19.7323, 0.3433,
0.4280


166.6666, 0.3292,
0.3760

 12.2006, 0.3471,
0.4463

205.7288, 0.3281,
0.3727

 6.8804, 0.3515,
0.4722

250.4622, 0.3272,
0.3699

 3.3874, 0.3557,
0.5119

301.2510, 0.3264,

 1.3372, 0.3807,

0.3673

0.6193

358.4798, 0.3257,
0.3651

■ 0.1697, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4406, 0.3352,
0.3963

■ 59.4406, 0.3352,
0.3963

■ 57.8156, 0.3433,
0.4245

■ 61.2474, 0.3265,
0.3689

■ 56.3575, 0.3505,
0.4527

■ 63.2350, 0.3177,
0.3430

■ 55.0612, 0.3562,
0.4798

■ 65.4122, 0.3090,
0.3189

■ 53.9182, 0.3599,
0.5044

■ 67.7850, 0.3006,
0.2969

■ 52.9189, 0.3614,
0.5252

■ 69.9666, 0.2964,
0.2826

■ 52.0525, 0.3604,
0.5414

■ 71.2768, 0.3018,
0.2833

■ 51.3057, 0.3570,
0.5524

■ 72.6454, 0.3073,
0.2841

■ 51.0127, 0.3552,
0.5562

■ 74.0729, 0.3129,
0.2848

■ 74.5798, 0.3148,
0.2851

Harmonies

Analogous

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



59.4406, 0.3682, 0.3918



59.4406, 0.3352, 0.3963



59.4406, 0.2975, 0.3796

Triad

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



59.4406, 0.3352, 0.3963



59.4406, 0.2436, 0.2822



59.4406, 0.3611, 0.3104

Complementary

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



59.4406, 0.3352, 0.3963



37.6629, 0.2854, 0.2594

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.



59.4406, 0.3249, 0.2851



59.4406, 0.3352, 0.3963



59.4406, 0.2581, 0.2685

Square

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



59.4406, 0.3352, 0.3963



59.4406, 0.2460, 0.3102



59.4406, 0.2871, 0.2700



59.4406, 0.3843, 0.3409

Rectangle

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



59.4406, 0.3352, 0.3963



59.4406, 0.2748, 0.3587



59.4406, 0.2871, 0.2700



59.4406, 0.3499, 0.3011

Sweetspot

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



59.4432, 0.3352, 0.3963



97.3476, 0.3198, 0.3490



47.0763, 0.3610, 0.3536



20.7342, 0.3212, 0.3529



0.0000, 0.0000, 0.0000



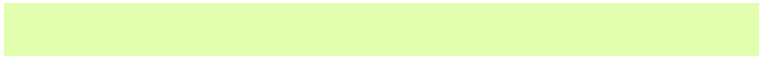
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4432, 0.3352, 0.3963



90.7680, 0.3399, 0.4121



56.3072, 0.3146, 0.4008



13.5693, 0.3210, 0.3524



31.1714, 0.3561, 0.5554



1.7873, 0.3678, 0.5462

Inverse Universe

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



37.6629, 0.2854, 0.2594



51.2701, 0.2781, 0.2424



41.0985, 0.3092, 0.2642



11.6282, 0.3039, 0.3054



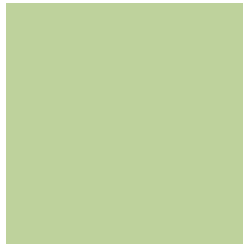
3.8769, 0.1806, 0.0769



0.2614, 0.2016, 0.0884

Previews

White Background



This preview shows how the Yxy color 59.4406, 0.3352, 0.3963 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 59.4406, 0.3352, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

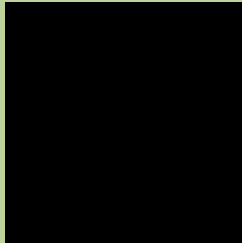
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4406, 0.3352, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 59.4406, 0.3352, 0.3963.

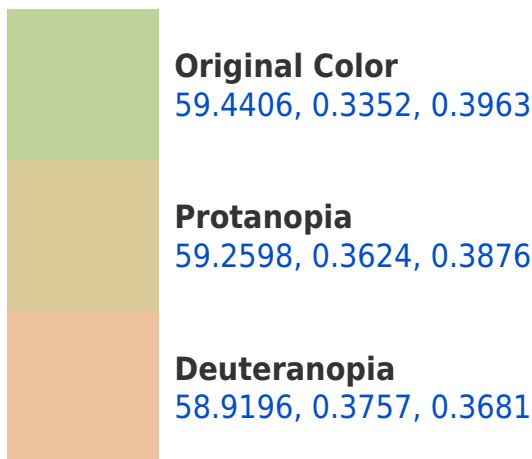


This preview shows how white text looks on a background with the Yxy color 59.4406, 0.3352, 0.3963.

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

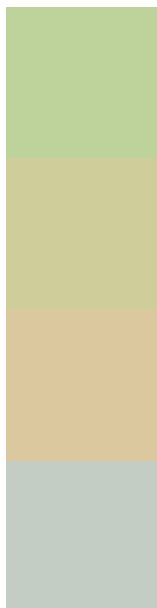




Tritanopia

59.4451, 0.2993, 0.3103

Trichromacy



Original Color

59.4406, 0.3352, 0.3963

Protanomaly

59.2279, 0.3524, 0.3915

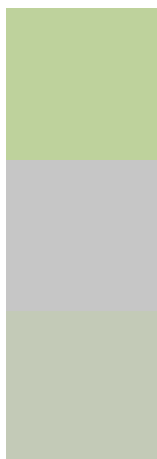
Deuteranomaly

58.8372, 0.3601, 0.3781

Tritanomaly

59.3385, 0.3129, 0.3410

Monochromacy



Original Color

59.4406, 0.3352, 0.3963

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2621, 0.3210, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4406, 0.3352, 0.3963 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(190, 210, 156)` looks like.

```
.text, #text, p{  
    color:rgb(190, 210, 156)  
}
```

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(190, 210, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 210, 156) }
```

Border

The CSS property to change the border of an element to Yxy 59.4406, 0.3352, 0.3963 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(190, 210, 156) }
```

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

```
.border{ border-color:rgb(190, 210, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 210, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 210, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 210, 156);  
box-shadow:4px 4px 4px 4px rgb(190, 210,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4406, 0.3352, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 210, 156) }
```

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

```
.background{ background-color: rgb(190,  
210, 156) }
```

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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