

Converting Colors

Yxy(59.3496, 0.32234, 0.3591)

Have a look what the booklet for
Yxy(59.3496, 0.3234, 0.3591)
contains.

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Color

Yxy(59.3491, 0.3236, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	C5CEB5
RGB	197, 206, 181
RGB Percent	77%, 81%, 71%
CMY	0.2274, 0.1921, 0.2902
CMYK	0.04, 0.00, 0.12, 0.19
HSL	82°, 20%, 76%
HSV	82°, 12%, 81%
XYZ	53.4373, 59.3491, 52.3474
YIQ	200.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

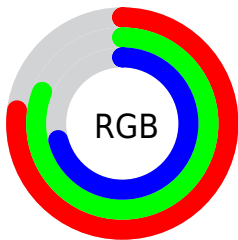
Format	Color
RYB	181, 206, 190
Decimal	12963509
CIELab	81.48, -7.51, 11.40
CIELCh	81, 13.650, 123.397
Yxy	59.3491, 0.3236, 0.3594
Android (android.graphics.Color)	4291153589 (0xFFC5CEB5)
YUV	200.4590, -9.5933, -3.0335
Hunter-Lab	77.0384, -11.0014, 13.6394

Details

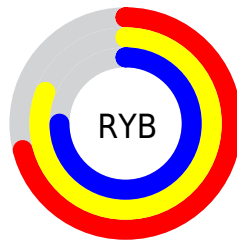
The Yxy color **59.3491, 0.3236, 0.3594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4446, 0.3009, 0.2981**, and the grayscale version is **58.1169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7053, 0.3226, 0.3464**, and **29.8546, 0.3262, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **57.5916, 0.3325, 0.3862**, and if you desaturate by 10%, it is **61.2860, 0.3146, 0.3342**.

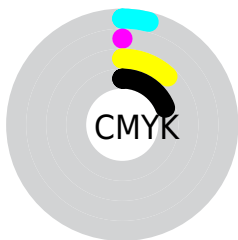
Distribution



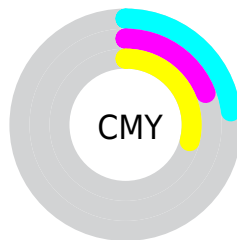
- Red (77%)
- Green (81%)
- Blue (71%)



- Red (71%)
- Yellow (81%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3491, 0.3236, 0.3594 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 59.3491, 0.3236, 0.3594 by changing the saturation by 10% instead.

■ 59.3491, 0.3236,
0.3594

■ 59.3491, 0.3236,
0.3594

422.1944, 0.3185,
0.3446

■ 42.8942, 0.3248,
0.3630

■ 103.8849, 0.3218,
0.3541

■ 29.8021, 0.3263,
0.3675

132.7345, 0.3211,
0.3521

■ 19.6884, 0.3281,
0.3734

166.4846, 0.3205,
0.3504

■ 12.1688, 0.3306,
0.3815

205.5194, 0.3200,
0.3489

■ 6.8587, 0.3339,
0.3931

250.2234, 0.3196,
0.3476

■ 3.3739, 0.3387,
0.4111

300.9810, 0.3192,

■ 1.3299, 0.3513,

0.3465

0.4499

358.1765, 0.3188,
0.3455

0.1642, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.3491, 0.3236,
0.3594

59.3491, 0.3236,
0.3594

57.5916, 0.3325,
0.3862

61.2860, 0.3146,
0.3342

55.9995, 0.3411,
0.4141

63.4004, 0.3058,
0.3108

54.5689, 0.3488,
0.4423

65.7004, 0.2974,
0.2895

53.2928, 0.3553,
0.4697

67.6390, 0.2948,
0.2781

■ 52.1632, 0.3600,
0.4950

■ 68.8677, 0.3000,
0.2789

■ 51.1717, 0.3625,
0.5171

■ 70.1489, 0.3052,
0.2797

■ 50.3085, 0.3626,
0.5349

■ 71.4832, 0.3105,
0.2805

■ 49.5621, 0.3602,
0.5476

■ 72.6250, 0.3150,
0.2811

■ 49.0420, 0.3571,
0.5547

Harmonies

Analogous

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



59.3491, 0.3387, 0.3584



59.3491, 0.3236, 0.3594



59.3491, 0.3059, 0.3516

Triad

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



59.3491, 0.3236, 0.3594



59.3491, 0.2796, 0.3074



59.3491, 0.3353, 0.3206

Complementary

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



59.3491, 0.3236, 0.3594



48.4446, 0.3009, 0.2981

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.



59.3491, 0.3189, 0.3079



59.3491, 0.3236, 0.3594



59.3491, 0.2869, 0.3001

Square

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



59.3491, 0.3236, 0.3594



59.3491, 0.2808, 0.3209



59.3491, 0.3012, 0.3005



59.3491, 0.3457, 0.3357

Rectangle

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



59.3491, 0.3236, 0.3594



59.3491, 0.2950, 0.3425



59.3491, 0.3012, 0.3005



59.3491, 0.3303, 0.3159

Sweetspot

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



59.3517, 0.3236, 0.3594



98.6710, 0.3163, 0.3388



53.1741, 0.3331, 0.3397



21.0673, 0.3170, 0.3407



0.0000, 0.0000, 0.0000



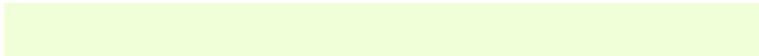
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3517, 0.3236, 0.3594



95.2597, 0.3263, 0.3674



57.7627, 0.3141, 0.3603



12.8870, 0.3211, 0.3523



30.2532, 0.3580, 0.5540



1.6025, 0.3701, 0.5443

Inverse Universe

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



48.4446, 0.3009, 0.2981



73.6245, 0.2976, 0.2898



50.0908, 0.3110, 0.2991



11.0371, 0.3038, 0.3054



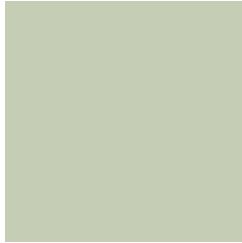
3.6932, 0.1790, 0.0760



0.2330, 0.2015, 0.0884

Previews

White Background



This preview shows how the Yxy color 59.3491, 0.3236, 0.3594 looks on a white background.

Color Contrast Check

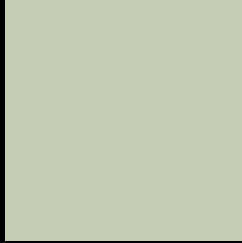
Large Text (above 18pt) WCAG AA × Fail

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 59.3491, 0.3236, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

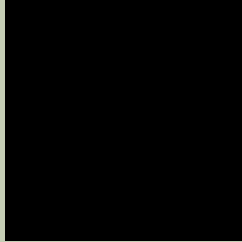
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

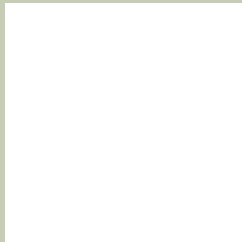
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3491, 0.3236, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 59.3491, 0.3236, 0.3594.



This preview shows how white text looks on a background with the Yxy color 59.3491, 0.3236, 0.3594.

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

59.3491, 0.3236, 0.3594

Protanopia

59.3446, 0.3368, 0.3562

Deuteranopia

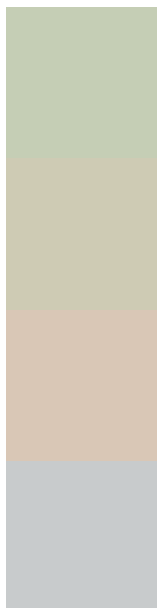
59.1071, 0.3500, 0.3426



Tritanopia

59.3396, 0.3022, 0.3104

Trichromacy



Original Color

59.3491, 0.3236, 0.3594

Protanomaly

59.1290, 0.3319, 0.3565

Deuteranomaly

58.9760, 0.3400, 0.3488

Tritanomaly

59.3509, 0.3097, 0.3278

Monochromacy



Original Color

59.3491, 0.3236, 0.3594

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2334, 0.3169, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3491, 0.3236, 0.3594 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(197, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 181)  
}
```

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(197, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 181) }
```

Border

The CSS property to change the border of an element to Yxy 59.3491, 0.3236, 0.3594 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(197, 206, 181) }
```

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

```
.border{ border-color:rgb(197, 206, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 206, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3491, 0.3236, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 181) }
```

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

```
.background{ background-color: rgb(197,  
206, 181) }
```

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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