

Converting Colors

Yxy(59.8566, 0.3141, 0.3484)

Have a look what the booklet for
Yxy(59.8566, 0.3141, 0.3484)
contains.

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Color

Yxy(59.8566, 0.3141, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	C2CFBF
RGB	194, 207, 191
RGB Percent	76%, 81%, 75%
CMY	0.2392, 0.1882, 0.2511
CMYK	0.06, 0.00, 0.08, 0.19
HSL	109°, 14%, 78%
HSV	109°, 8%, 81%
XYZ	53.9637, 59.8566, 57.9839
YIQ	201.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

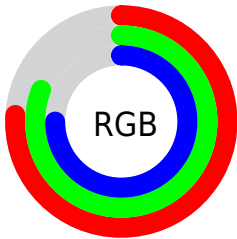
Format	Color
RYB	191, 207, 204
Decimal	12767167
CIELab	81.76, -7.36, 6.44
CIElCh	82, 9.778, 138.798
Yxy	59.8566, 0.3141, 0.3484
Android (android.graphics.Color)	4290957247 (0xFFC2CFBF)
YUV	201.2890, -5.0725, -6.3925
Hunter-Lab	77.3670, -10.8881, 9.7211

Details

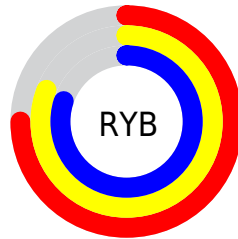
The Yxy color **59.8566, 0.3141, 0.3484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5893, 0.3112, 0.3101**, and the grayscale version is **58.6315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7446, 0.3148, 0.3367**, and **30.1929, 0.3136, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **56.9144, 0.3157, 0.3761**, and if you desaturate by 10%, it is **63.1836, 0.3123, 0.3237**.

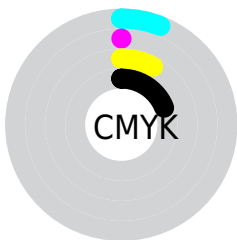
Distribution



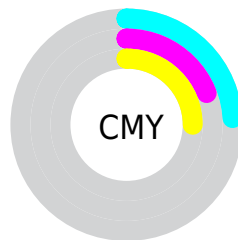
- Red (76%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8566, 0.3141, 0.3484 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 59.8566, 0.3141, 0.3484 by changing the saturation by 10% instead.

■ 59.8566, 0.3141,
0.3484

■ 59.8566, 0.3141,
0.3484

424.0690, 0.3135,
0.3390

■ 43.3031, 0.3142,
0.3507

■ 104.6216, 0.3139,
0.3450

■ 30.1230, 0.3144,
0.3535

133.6019, 0.3138,
0.3438

■ 19.9319, 0.3146,
0.3573

167.4932, 0.3137,
0.3427

■ 12.3456, 0.3148,
0.3624

206.6799, 0.3137,
0.3417

■ 6.9795, 0.3150,
0.3697

251.5465, 0.3136,
0.3409

■ 3.4493, 0.3153,
0.3811

302.4772, 0.3136,

■ 1.3705, 0.3154,

0.3402

359.8566, 0.3135,
0.3396

0.4014

0.1949, 0.0280,
0.9720

0.0000, 0.0000,
0.0000

59.8566, 0.3141,
0.3484

59.8566, 0.3141,
0.3484

56.9144, 0.3157,
0.3761

63.1836, 0.3123,
0.3237

54.3355, 0.3171,
0.4066

66.9008, 0.3104,
0.3019

52.1082, 0.3179,
0.4393

71.0228, 0.3086,
0.2828

50.2168, 0.3181,
0.4732

73.1084, 0.3149,
0.2821

■ 48.6447, 0.3175,
0.5065

■ 47.3738, 0.3160,
0.5372

■ 46.3839, 0.3135,
0.5629

■ 45.6525, 0.3102,
0.5818

■ 45.1511, 0.3066,
0.5933

Harmonies

Analogous

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



59.8566, 0.3263, 0.3511



59.8566, 0.3141, 0.3484



59.8566, 0.3018, 0.3402

Triad

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



59.8566, 0.3141, 0.3484



59.8566, 0.2909, 0.3103



59.8566, 0.3333, 0.3286

Complementary

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



59.8566, 0.3141, 0.3484



54.5893, 0.3112, 0.3101

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.



59.8566, 0.3235, 0.3182



59.8566, 0.3141, 0.3484



59.8566, 0.2990, 0.3077

Square

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



59.8566, 0.3141, 0.3484



59.8566, 0.2885, 0.3179



59.8566, 0.3109, 0.3106



59.8566, 0.3375, 0.3393

Rectangle

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



59.8566, 0.3141, 0.3484



59.8566, 0.2951, 0.3328



59.8566, 0.3109, 0.3106



59.8566, 0.3306, 0.3249

Sweetspot

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



59.8592, 0.3141, 0.3484



98.9000, 0.3131, 0.3339



60.1172, 0.3245, 0.3441



21.1802, 0.3131, 0.3337



0.0000, 0.0000, 0.0000



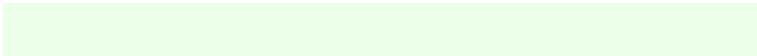
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8592, 0.3141, 0.3484



95.2490, 0.3143, 0.3520



59.6772, 0.3085, 0.3426



13.3123, 0.3144, 0.3528



28.4207, 0.3066, 0.5948



1.6219, 0.3185, 0.5853

Inverse Universe

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



54.5893, 0.3112, 0.3101



85.4072, 0.3109, 0.3066



54.7903, 0.3172, 0.3158



11.8913, 0.3108, 0.3059



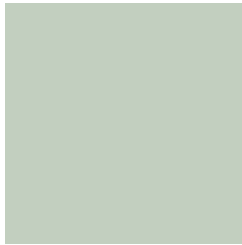
8.1114, 0.2738, 0.1282



0.4834, 0.2829, 0.1332

Previews

White Background



This preview shows how the Yxy color 59.8566, 0.3141, 0.3484 looks on a white background.

Color Contrast Check

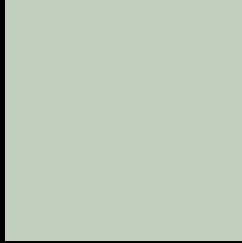
Large Text (above 18pt) WCAG AA × Fail

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 59.8566, 0.3141, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

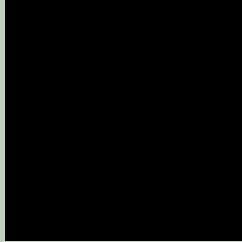
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

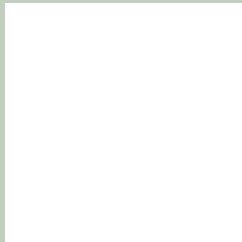
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8566, 0.3141, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 59.8566, 0.3141, 0.3484.



This preview shows how white text looks on a background with the Yxy color 59.8566, 0.3141, 0.3484.

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

59.8566, 0.3141, 0.3484

Protanopia

59.5735, 0.3293, 0.3455

Deuteranopia

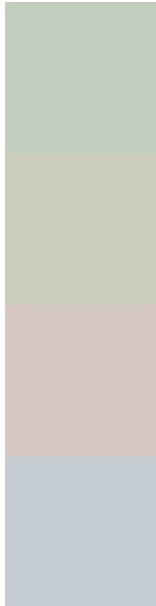
59.4989, 0.3393, 0.3325



Tritanopia

59.8321, 0.2979, 0.3103

Trichromacy



Original Color

59.8566, 0.3141, 0.3484

Protanomaly

59.6972, 0.3235, 0.3469

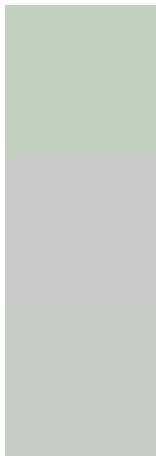
Deuteranomaly

59.4105, 0.3297, 0.3383

Tritanomaly

59.6595, 0.3039, 0.3231

Monochromacy



Original Color

59.8566, 0.3141, 0.3484

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7489, 0.3131, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8566, 0.3141, 0.3484 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(194, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(194, 207, 191)  
}
```

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(194, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 207, 191) }
```

Border

The CSS property to change the border of an element to Yxy 59.8566, 0.3141, 0.3484 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(194, 207, 191) }
```

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

```
.border{ border-color:rgb(194, 207, 191) }
```

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

Here you see how a box with a 4 pixel rgb(194, 207, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(194, 207,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8566, 0.3141, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 207, 191) }
```

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

```
.background{ background-color: rgb(194,  
207, 191) }
```

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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