

Converting Colors

$Yxy(58.5978, 0.3125, 0.3457)$

Have a look what the booklet for
Yxy(58.5978, 0.3125, 0.3457)
contains.

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Color

Yxy(58.6307, 0.3127, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	C0CDBF
RGB	192, 205, 191
RGB Percent	75%, 80%, 75%
CMY	0.2470, 0.1961, 0.2511
CMYK	0.06, 0.00, 0.07, 0.20
HSL	116°, 12%, 78%
HSV	116°, 7%, 80%
XYZ	52.9726, 58.6307, 57.8006
YIQ	199.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

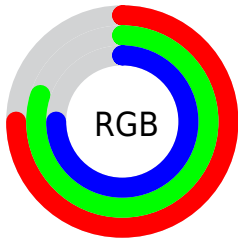
Format	Color
RYB	191, 205, 204
Decimal	12635583
CIELab	81.09, -7.01, 5.45
CIELCh	81, 8.882, 142.122
Yxy	58.6307, 0.3127, 0.3461
Android (android.graphics.Color)	4290825663 (0xFFC0CDBF)
YUV	199.5170, -4.1989, -6.5924
Hunter-Lab	76.5707, -10.5101, 8.8435

Details

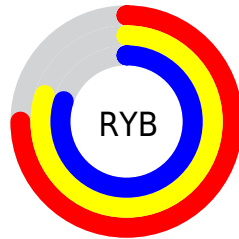
The Yxy color **58.6307, 0.3127, 0.3461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4930, 0.3127, 0.3124**, and the grayscale version is **57.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1919, 0.3130, 0.3367**, and **29.4572, 0.3127, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **55.4714, 0.3125, 0.3739**, and if you desaturate by 10%, it is **62.2413, 0.3127, 0.3216**.

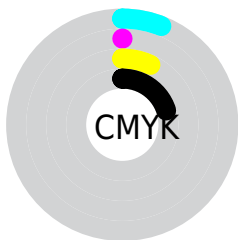
Distribution



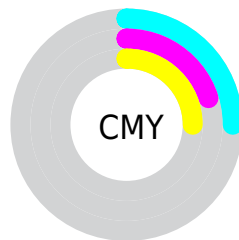
- Red (75%)
- Green (80%)
- Blue (75%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)




- Cyan (25%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6307, 0.3127, 0.3461 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 58.6307, 0.3127, 0.3461 by changing the saturation by 10% instead.


 58.6307, 0.3127,
0.3461

 58.6307, 0.3127,
0.3461

419.5320, 0.3128,
0.3378

 42.3159, 0.3127,
0.3481


 102.8407, 0.3127,
0.3431

 29.3487, 0.3126,
0.3507


131.5048, 0.3127,
0.3420

 19.3448, 0.3126,
0.3540


165.0540, 0.3127,
0.3410

 11.9197, 0.3125,
0.3585

203.8728, 0.3127,
0.3402

 6.6890, 0.3123,
0.3651

248.3456, 0.3128,
0.3395

 3.2684, 0.3119,
0.3754

298.8568, 0.3128,

 1.2734, 0.3108,

0.3389

355.7908, 0.3128,
0.3383

0.3938

0.1205, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.6307, 0.3127,
0.3461

58.6307, 0.3127,
0.3461

55.4714, 0.3125,
0.3739

62.2413, 0.3127,
0.3216

52.7386, 0.3121,
0.4048

66.3120, 0.3126,
0.3003

50.4161, 0.3115,
0.4383

70.8610, 0.3124,
0.2818

48.4842, 0.3105,
0.4734

72.1451, 0.3150,
0.2801

■ 46.9214, 0.3091,
0.5080

■ 45.7040, 0.3074,
0.5400

■ 44.8058, 0.3055,
0.5666

■ 44.1966, 0.3036,
0.5857

■ 43.8395, 0.3018,
0.5965

Harmonies

Analogous

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



58.6307, 0.3240, 0.3492



58.6307, 0.3127, 0.3461



58.6307, 0.3016, 0.3382

Triad

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



58.6307, 0.3127, 0.3461



58.6307, 0.2933, 0.3113



58.6307, 0.3323, 0.3298

Complementary

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



58.6307, 0.3127, 0.3461



54.4930, 0.3127, 0.3124

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.



58.6307, 0.3238, 0.3201



58.6307, 0.3127, 0.3461



58.6307, 0.3013, 0.3095

Square

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



58.6307, 0.3127, 0.3461



58.6307, 0.2905, 0.3179



58.6307, 0.3124, 0.3127



58.6307, 0.3354, 0.3395

Rectangle

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



58.6307, 0.3127, 0.3461



58.6307, 0.2957, 0.3313



58.6307, 0.3124, 0.3127



58.6307, 0.3300, 0.3264

Sweetspot

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



58.6332, 0.3127, 0.3461



98.7907, 0.3127, 0.3339



59.8483, 0.3229, 0.3442



21.1579, 0.3127, 0.3337



0.0000, 0.0000, 0.0000



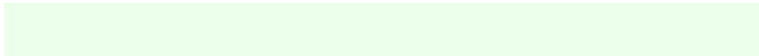
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6332, 0.3127, 0.3461



95.3451, 0.3127, 0.3494



58.7615, 0.3078, 0.3389



12.5757, 0.3127, 0.3529



27.2612, 0.3018, 0.5986



1.4204, 0.3078, 0.5938

Inverse Universe

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



54.4930, 0.3127, 0.3124



87.3844, 0.3126, 0.3093



54.3621, 0.3179, 0.3193



11.3601, 0.3126, 0.3061



9.5709, 0.3027, 0.1441



0.5066, 0.3065, 0.1462

Previews

White Background



This preview shows how the Yxy color 58.6307, 0.3127, 0.3461 looks on a white background.

Color Contrast Check

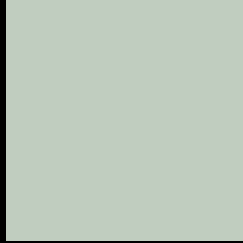
Large Text (above 18pt) WCAG AA × Fail

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 58.6307, 0.3127, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

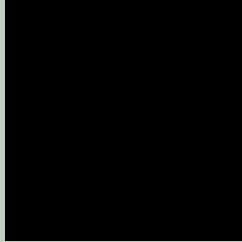
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

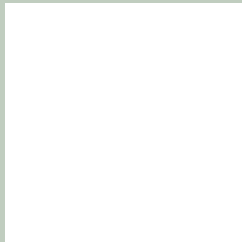
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6307, 0.3127, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 58.6307, 0.3127, 0.3461.

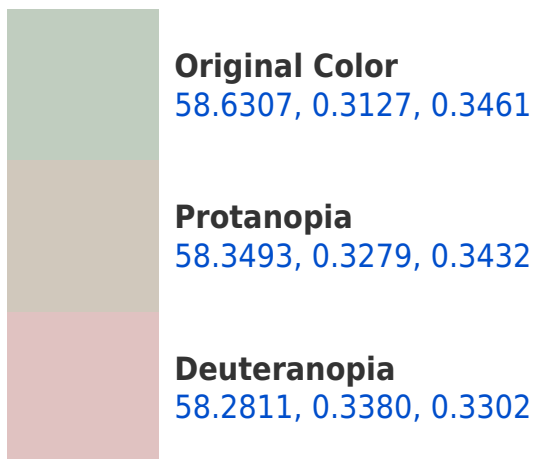


This preview shows how white text looks on a background with the Yxy color 58.6307, 0.3127, 0.3461.

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

58.5188, 0.2977, 0.3102

Trichromacy



Original Color

58.6307, 0.3127, 0.3461

Protanomaly

58.4717, 0.3221, 0.3446

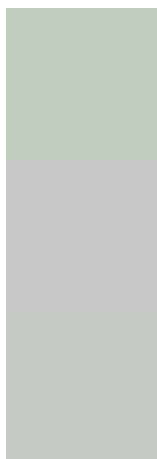
Deuteranomaly

58.1910, 0.3284, 0.3361

Tritanomaly

58.3972, 0.3032, 0.3218

Monochromacy



Original Color

58.6307, 0.3127, 0.3461

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.1426, 0.3124, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6307, 0.3127, 0.3461 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, 205, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 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(192, 205, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 191) }
```

Border

The CSS property to change the border of an element to Yxy 58.6307, 0.3127, 0.3461 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, 205, 191) }
```

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

```
.border{ border-color:rgb(192, 205, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 205,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6307, 0.3127, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 191) }
```

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

```
.background{ background-color: rgb(192,  
205, 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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