

Converting Colors

$Yxy(59.0201, 0.3124, 0.3442)$

Have a look what the booklet for
Yxy(59.0201, 0.3124, 0.3442)
contains.

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Color

Yxy(58.8504, 0.3120, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	C1CDC1
RGB	193, 205, 193
RGB Percent	76%, 80%, 76%
CMY	0.2433, 0.1960, 0.2432
CMYK	0.06, 0.00, 0.06, 0.20
HSL	120°, 11%, 78%
HSV	120°, 6%, 80%
XYZ	53.4381, 58.8504, 58.9874
YIQ	200.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

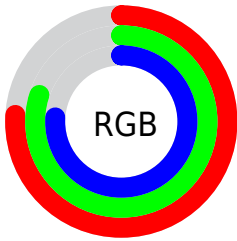
Format	Color
RYB	193, 205, 205
Decimal	12701121
CIELab	81.21, -6.33, 4.56
CIELCh	81, 7.803, 144.229
Yxy	58.8504, 0.3120, 0.3436
Android (android.graphics.Color)	4290891201 (0xFFC1CDC1)
YUV	200.0440, -3.4727, -6.1776
Hunter-Lab	76.7140, -9.9085, 8.1102

Details

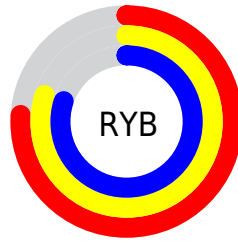
The Yxy color **58.8504, 0.3120, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5058, 0.3134, 0.3148**, and the grayscale version is **57.8069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4993, 0.3124, 0.3348**, and **29.5156, 0.3109, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **55.4937, 0.3107, 0.3712**, and if you desaturate by 10%, it is **62.7116, 0.3132, 0.3195**.

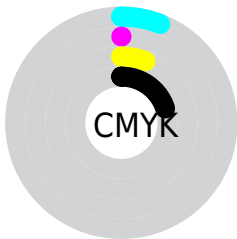
Distribution



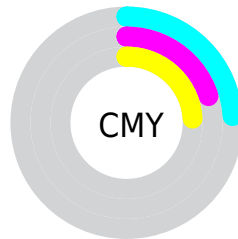
- Red (76%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (80%)



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




- Cyan (24%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8504, 0.3120, 0.3436 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 58.8504, 0.3120, 0.3436 by changing the saturation by 10% instead.

 58.8504, 0.3120,
0.3436

 58.8504, 0.3120,
0.3436


420.3473, 0.3124,
0.3365

 42.4927, 0.3119,
0.3453

 103.1602, 0.3121,
0.3411

 29.4873, 0.3118,
0.3475


131.8811, 0.3122,
0.3401

 19.4498, 0.3116,
0.3503

165.4919, 0.3122,
0.3393

 11.9957, 0.3113,
0.3541

204.3769, 0.3123,
0.3386

 6.7408, 0.3109,
0.3597

248.9205, 0.3123,
0.3380

 3.3005, 0.3102,
0.3683

299.5072, 0.3123,

 1.2906, 0.3088,

0.3374

0.3838

356.5213, 0.3124,
0.3369

0.1339, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.8504, 0.3120,
0.3436

58.8504, 0.3120,
0.3436

55.4937, 0.3107,
0.3712

62.7116, 0.3132,
0.3195

52.6136, 0.3092,
0.4021

67.0890, 0.3142,
0.2987

50.1907, 0.3075,
0.4359

72.0033, 0.3151,
0.2808

48.2015, 0.3058,
0.4715

72.1525, 0.3150,
0.2802

■ 46.6205, 0.3042,
0.5069

■ 45.4194, 0.3026,
0.5396

■ 44.5663, 0.3014,
0.5668

■ 44.0241, 0.3005,
0.5862

■ 43.7469, 0.3001,
0.5969

Harmonies

Analogous

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



58.8504, 0.3220, 0.3466



58.8504, 0.3120, 0.3436



58.8504, 0.3023, 0.3364

Triad

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



58.8504, 0.3120, 0.3436



58.8504, 0.2961, 0.3132



58.8504, 0.3302, 0.3303

Complementary

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



58.8504, 0.3120, 0.3436



55.5058, 0.3134, 0.3148

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.



58.8504, 0.3231, 0.3217



58.8504, 0.3120, 0.3436



58.8504, 0.3033, 0.3119

Square

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



58.8504, 0.3120, 0.3436



58.8504, 0.2932, 0.3188



58.8504, 0.3132, 0.3150



58.8504, 0.3326, 0.3388

Rectangle

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



58.8504, 0.3120, 0.3436



58.8504, 0.2973, 0.3304



58.8504, 0.3132, 0.3150



58.8504, 0.3283, 0.3274

Sweetspot

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



58.8529, 0.3120, 0.3436



98.7225, 0.3125, 0.3339



60.5026, 0.3213, 0.3433



21.1440, 0.3125, 0.3336



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.



58.8529, 0.3120, 0.3436



95.6771, 0.3118, 0.3467



59.1260, 0.3078, 0.3363



12.6798, 0.3118, 0.3478



27.1829, 0.2999, 0.5998



1.4026, 0.2997, 0.5989

Inverse Universe

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



55.5058, 0.3134, 0.3148



89.1314, 0.3136, 0.3119



55.2218, 0.3179, 0.3218



11.7605, 0.3136, 0.3109



10.8035, 0.3218, 0.1546



0.5576, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 58.8504, 0.3120, 0.3436 looks on a white background.

Color Contrast Check

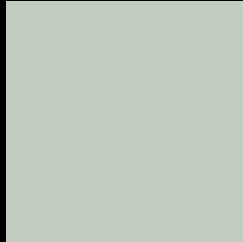
Large Text (above 18pt) WCAG AA × Fail

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 58.8504, 0.3120, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

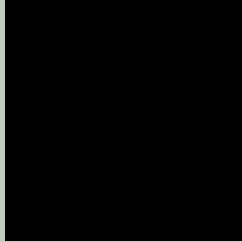
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

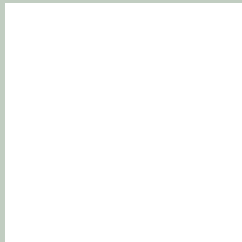
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8504, 0.3120, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 58.8504, 0.3120, 0.3436.

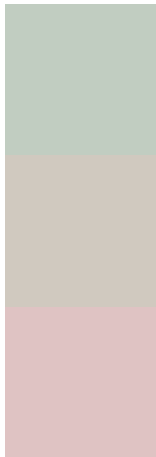


This preview shows how white text looks on a background with the Yxy color 58.8504, 0.3120, 0.3436.

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

58.8504, 0.3120, 0.3436

Protanopia

58.9448, 0.3255, 0.3408

Deuteranopia

58.6583, 0.3355, 0.3291



Tritanopia

58.6534, 0.2985, 0.3102

Trichromacy



Original Color

58.8504, 0.3120, 0.3436

Protanomaly

58.7433, 0.3207, 0.3409

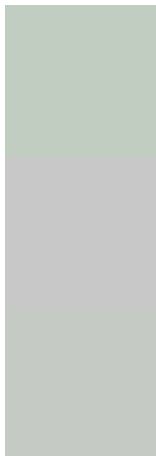
Deuteranomaly

58.7389, 0.3267, 0.3349

Tritanomaly

58.5309, 0.3039, 0.3218

Monochromacy



Original Color

58.8504, 0.3120, 0.3436

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 58.8504, 0.3120, 0.3436 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(193, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 205, 193)  
}
```

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(193, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.8504, 0.3120, 0.3436 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(193, 205, 193) }
```

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

```
.border{ border-color:rgb(193, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 205, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 205, 193); box-shadow:4px 4px 4px 4px rgb(193, 205, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8504, 0.3120, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 193) }
```

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

```
.background{ background-color: rgb(193,  
205, 193) }
```

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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