

Converting Colors

Yxy(60.4892, 0.3117, 0.3358)

Have a look what the booklet for
Yxy(60.4892, 0.3117, 0.3358)
contains.

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Color

Yxy(60.4549, 0.3116, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C7CEC8
RGB	199, 206, 200
RGB Percent	78%, 81%, 78%
CMY	0.2197, 0.1921, 0.2156
CMYK	0.03, 0.00, 0.03, 0.19
HSL	129°, 7%, 79%
HSV	129°, 3%, 81%
XYZ	56.0480, 60.4549, 63.3688
YIQ	203.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

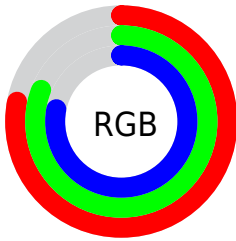
Format	Color
RYB	199, 205, 206
Decimal	13094600
CIELab	82.08, -3.49, 2.13
CIElCh	82, 4.091, 148.624
Yxy	60.4549, 0.3116, 0.3361
Android (android.graphics.Color)	4291284680 (0xFFC7CEC8)
YUV	203.2230, -1.5889, -3.7036
Hunter-Lab	77.7527, -7.3956, 6.1053

Details

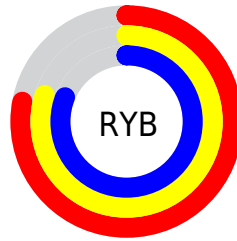
The Yxy color **60.4549, 0.3116, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3691, 0.3139, 0.3220**, and the grayscale version is **59.8802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5515, 0.3113, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **57.0530, 0.3083, 0.3588**, and if you desaturate by 10%, it is **64.3378, 0.3148, 0.3162**.

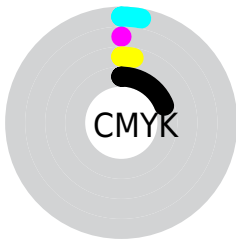
Distribution



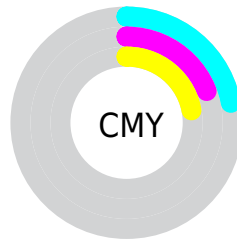
- Red (78%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4549, 0.3116, 0.3361 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 60.4549, 0.3116, 0.3361 by changing the saturation by 10% instead.

■ 60.4549, 0.3116,
0.3361

■ 60.4549, 0.3116,
0.3361

426.2725, 0.3121,
0.3327

■ 43.7854, 0.3115,
0.3369

105.4893, 0.3118,
0.3349

■ 30.5018, 0.3113,
0.3379

134.6229, 0.3119,
0.3344

■ 20.2198, 0.3111,
0.3393

168.6801, 0.3119,
0.3340

■ 12.5549, 0.3108,
0.3411

208.0452, 0.3120,
0.3337

■ 7.1228, 0.3104,
0.3436

253.1026, 0.3120,
0.3334

■ 3.5390, 0.3097,
0.3475

304.2367, 0.3121,

■ 1.4192, 0.3085,

0.3331

361.8318, 0.3121,
0.3329

0.3544

0.2308, 0.2870,
0.4939

0.0000, 0.0000,
0.0000

60.4549, 0.3116,
0.3361

60.4549, 0.3116,
0.3361

57.0530, 0.3083,
0.3588

64.3378, 0.3148,
0.3162

54.1060, 0.3049,
0.3844

68.7114, 0.3179,
0.2988

51.5968, 0.3017,
0.4127

72.4807, 0.3165,
0.2832

49.5044, 0.2987,
0.4432

72.6265, 0.3150,
0.2811

■ 47.8061, 0.2963,
0.4749

■ 46.4769, 0.2947,
0.5062

■ 45.4890, 0.2940,
0.5354

■ 44.8104, 0.2944,
0.5604

■ 44.4031, 0.2958,
0.5795

Harmonies

Analogous

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



60.4549, 0.3168, 0.3380



60.4549, 0.3116, 0.3361



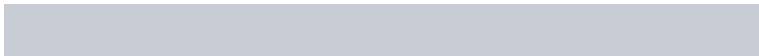
60.4549, 0.3067, 0.3322

Triad

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



60.4549, 0.3116, 0.3361



60.4549, 0.3045, 0.3206



60.4549, 0.3221, 0.3304

Complementary

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



60.4549, 0.3116, 0.3361



58.3691, 0.3139, 0.3220

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.



60.4549, 0.3188, 0.3258



60.4549, 0.3116, 0.3361



60.4549, 0.3086, 0.3202

Square

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



60.4549, 0.3116, 0.3361



60.4549, 0.3026, 0.3232



60.4549, 0.3138, 0.3221



60.4549, 0.3230, 0.3347

Rectangle

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



60.4549, 0.3116, 0.3361



60.4549, 0.3042, 0.3291



60.4549, 0.3138, 0.3221



60.4549, 0.3213, 0.3289

Sweetspot

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



60.4575, 0.3116, 0.3361



99.3803, 0.3124, 0.3311



61.2587, 0.3170, 0.3372



21.2780, 0.3124, 0.3310



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.



60.4575, 0.3116, 0.3361



97.5689, 0.3114, 0.3375



60.6190, 0.3092, 0.3320



12.9139, 0.3112, 0.3389



27.2493, 0.2964, 0.5869



1.4146, 0.2879, 0.5563

Inverse Universe

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



58.3691, 0.3139, 0.3220



93.5675, 0.3141, 0.3207



58.2060, 0.3163, 0.3260



12.3002, 0.3143, 0.3193



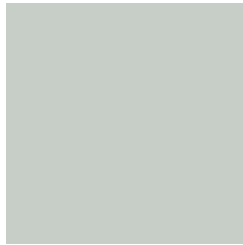
10.0134, 0.3616, 0.1766



0.5245, 0.3525, 0.1715

Previews

White Background



This preview shows how the Yxy color 60.4549, 0.3116, 0.3361 looks on a white background.

Color Contrast Check

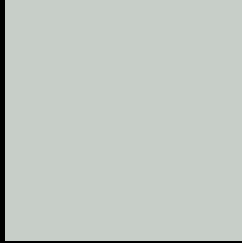
Large Text (above 18pt) WCAG AA × Fail

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 60.4549, 0.3116, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

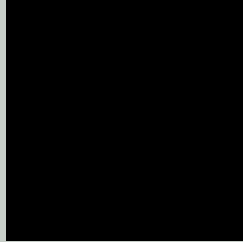
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

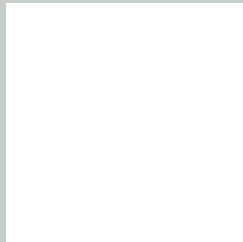
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4549, 0.3116, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 60.4549, 0.3116, 0.3361.



This preview shows how white text looks on a background with the Yxy color 60.4549, 0.3116, 0.3361.

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

60.4549, 0.3116, 0.3361

Protanopia

60.3444, 0.3210, 0.3349

Deuteranopia

60.0441, 0.3306, 0.3234



Tritanopia

60.3829, 0.3008, 0.3105

Trichromacy



Original Color

60.4549, 0.3116, 0.3361

Protanomaly

60.2884, 0.3171, 0.3349

Deuteranomaly

59.9727, 0.3238, 0.3279

Tritanomaly

60.3567, 0.3049, 0.3196

Monochromacy



Original Color

60.4549, 0.3116, 0.3361

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0066, 0.3126, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4549, 0.3116, 0.3361 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(199, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 200)  
}
```

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(199, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.4549, 0.3116, 0.3361 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(199, 206, 200) }
```

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

```
.border{ border-color:rgb(199, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4549, 0.3116, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 200) }
```

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

```
.background{ background-color: rgb(199,  
206, 200) }
```

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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