

Converting Colors

Yxy(63.2589, 0.2963, 0.3106)

Have a look what the booklet for
Yxy(63.2589, 0.2963, 0.3106)
contains.

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Color

Yxy(63.4547, 0.2961, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	C9D1E1
RGB	201, 209, 225
RGB Percent	79%, 82%, 88%
CMY	0.2119, 0.1803, 0.1176
CMYK	0.11, 0.07, 0.00, 0.12
HSL	220°, 29%, 84%
HSV	220°, 11%, 88%
XYZ	60.4729, 63.4547, 80.3038
YIQ	208.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

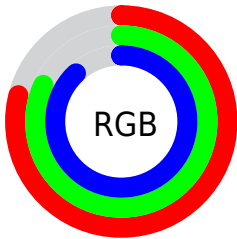
Format	Color
R _Y B	201, 207, 225
Decimal	13226465
CIE Lab	83.68, 0.38, -8.83
CIE LCh	84, 8.843, 272.478
Yxy	63.4547, 0.2961, 0.3107
Android (android.graphics.Color)	4291416545 (0xFFC9D1E1)
YUV	208.4320, 8.1680, -6.5179
Hunter-Lab	79.6585, -3.8936, -4.0094

Details

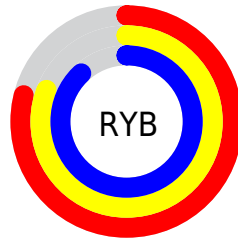
The Yxy color **63.4547, 0.2961, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8345, 0.3296, 0.3467**, and the grayscale version is **63.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5480, 0.2919, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **53.5589, 0.2794, 0.2914**, and if you desaturate by 10%, it is **74.5031, 0.3117, 0.3279**.

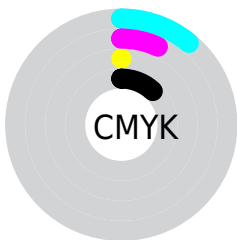
Distribution



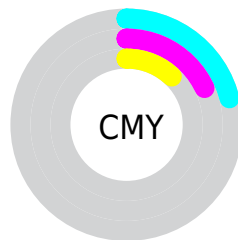
- Red (79%)
- Green (82%)
- Blue (88%)



- Red (79%)
- Yellow (81%)
- Blue (88%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4547, 0.2961, 0.3107 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 63.4547, 0.2961, 0.3107 by changing the saturation by 10% instead.

■ 63.4547, 0.2961,
0.3107

■ 63.4547, 0.2961,
0.3107

437.2178, 0.3040,
0.3194

■ 46.2092, 0.2943,
0.3087

109.8252, 0.2989,
0.3137

■ 32.4109, 0.2920,
0.3062

139.7190, 0.2999,
0.3149

■ 21.6755, 0.2890,
0.3029

174.5977, 0.3008,
0.3159

■ 13.6187, 0.2851,
0.2986

214.8456, 0.3016,
0.3168

■ 7.8559, 0.2796,
0.2926

260.8472, 0.3023,
0.3176

■ 4.0029, 0.2715,
0.2837

312.9868, 0.3029,

■ 1.6752, 0.2582,

0.3182

0.2692

371.6489, 0.3035,
0.3188

0.4075, 0.2122,
0.2181

0.0000, 0.0000,
0.0000

63.4547, 0.2961,
0.3107

63.4547, 0.2961,
0.3107

53.5589, 0.2794,
0.2914

74.5031, 0.3117,
0.3279

44.7689, 0.2619,
0.2700

86.7329, 0.3261,
0.3431

37.0465, 0.2440,
0.2467

97.5366, 0.3305,
0.3571

30.3479, 0.2261,
0.2220

98.2170, 0.3303,
0.3581

■ 24.6261, 0.2089,
0.1963

■ 19.8299, 0.1933,
0.1707

■ 15.9026, 0.1800,
0.1462

■ 12.7796, 0.1697,
0.1240

■ 10.5084, 0.1628,
0.1061

Harmonies

Analogous

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



63.4547, 0.2915, 0.3156



63.4547, 0.2961, 0.3107



63.4547, 0.3051, 0.3106

Triad

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



63.4547, 0.2961, 0.3107



63.4547, 0.3334, 0.3331



63.4547, 0.3088, 0.3434

Complementary

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



63.4547, 0.2961, 0.3107



69.8345, 0.3296, 0.3467

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.



63.4547, 0.3200, 0.3481



63.4547, 0.2961, 0.3107



63.4547, 0.3344, 0.3420

Square

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



63.4547, 0.2961, 0.3107



63.4547, 0.3268, 0.3234



63.4547, 0.3294, 0.3475



63.4547, 0.2988, 0.3345

Rectangle

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



63.4547, 0.2961, 0.3107



63.4547, 0.3126, 0.3133



63.4547, 0.3294, 0.3475



63.4547, 0.3126, 0.3455

Sweetspot

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



63.4574, 0.2961, 0.3107



95.3729, 0.3082, 0.3241



71.2597, 0.3015, 0.3385



20.1542, 0.3069, 0.3227



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.



63.4574, 0.2961, 0.3107



80.9708, 0.2922, 0.3063



60.1137, 0.2986, 0.3015



13.9889, 0.2981, 0.3130



6.2474, 0.1636, 0.1088



0.5940, 0.1722, 0.1399

Inverse Universe

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



62.3719, 0.3256, 0.3201



79.3028, 0.3289, 0.3180



73.5095, 0.3260, 0.3555



13.7758, 0.3240, 0.3212



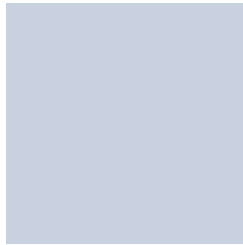
9.5387, 0.5627, 0.2874



0.6774, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 63.4547, 0.2961, 0.3107 looks on a white background.

Color Contrast Check

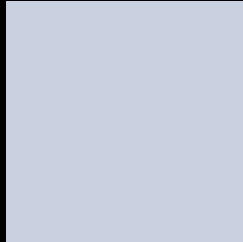
Large Text (above 18pt) WCAG AA × Fail

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 63.4547, 0.2961, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

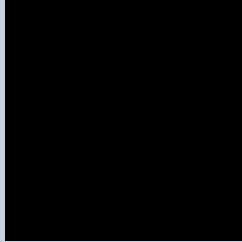
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

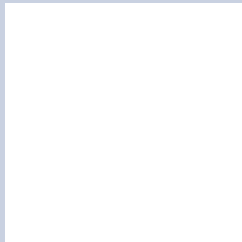
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4547, 0.2961, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 63.4547, 0.2961, 0.3107.

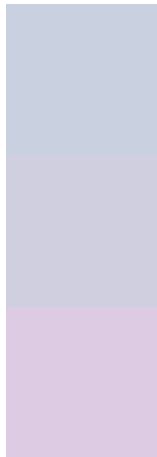


This preview shows how white text looks on a background with the Yxy color 63.4547, 0.2961, 0.3107.

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

63.4547, 0.2961, 0.3107

Protanopia

63.4174, 0.3018, 0.3098

Deuteranopia

63.4185, 0.3094, 0.3037



Tritanopia

63.4547, 0.2961, 0.3107

Trichromacy



Original Color

63.4547, 0.2961, 0.3107

Protanomaly

63.4727, 0.2996, 0.3108

Deuteranomaly

63.2998, 0.3041, 0.3056

Tritanomaly

63.4547, 0.2961, 0.3107

Monochromacy



Original Color

63.4547, 0.2961, 0.3107

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9459, 0.3064, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4547, 0.2961, 0.3107 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(201, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 225)  
}
```

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(201, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 63.4547, 0.2961, 0.3107 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(201, 209, 225) }
```

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

```
.border{ border-color:rgb(201, 209, 225) }
```

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

Here you see how a box with a 4 pixel rgb(201, 209, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(201, 209,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4547, 0.2961, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 225) }
```

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

```
.background{ background-color: rgb(201,  
209, 225) }
```

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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