

Converting Colors

Yxy(63.4916, 0.3044, 0.3165)

Have a look what the booklet for
Yxy(63.4916, 0.3044, 0.3165)
contains.

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Color

Yxy(63.4916, 0.3044, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	CFD0DB
RGB	207, 208, 219
RGB Percent	81%, 82%, 86%
CMY	0.1884, 0.1842, 0.1412
CMYK	0.05, 0.05, 0.00, 0.14
HSL	235°, 14%, 84%
HSV	235°, 5%, 86%
XYZ	61.0643, 63.4916, 76.0495
YIQ	208.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

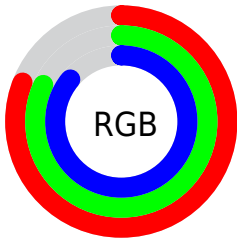
Format	Color
R _Y B	207, 208, 219
Decimal	13619419
CIE Lab	83.70, 1.70, -5.55
CIE LCh	84, 5.806, 286.987
Yxy	63.4916, 0.3044, 0.3165
Android (android.graphics.Color)	4291809499 (0xFFCFD0DB)
YUV	208.9550, 4.9522, -1.7145
Hunter-Lab	79.6816, -2.6488, -0.8103

Details

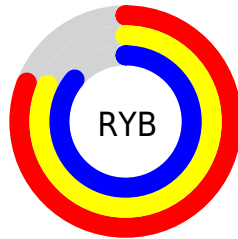
The Yxy color **63.4916, 0.3044, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6702, 0.3209, 0.3412**, and the grayscale version is **63.6963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5638, 0.3027, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **51.4234, 0.2878, 0.2914**, and if you desaturate by 10%, it is **77.2287, 0.3191, 0.3386**.

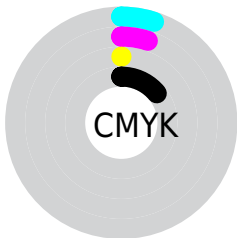
Distribution



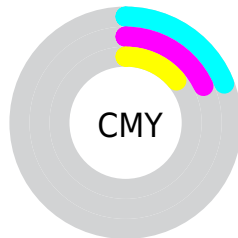
- Red (81%)
- Green (82%)
- Blue (86%)



- Red (81%)
- Yellow (82%)
- Blue (86%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4916, 0.3044, 0.3165 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 63.4916, 0.3044, 0.3165 by changing the saturation by 10% instead.

■ 63.4916, 0.3044,
0.3165

■ 63.4916, 0.3044,
0.3165

437.3514, 0.3084,
0.3224

■ 46.2390, 0.3035,
0.3151

109.8784, 0.3058,
0.3186

■ 32.4345, 0.3023,
0.3134

139.7815, 0.3063,
0.3194

■ 21.6936, 0.3008,
0.3112

174.6701, 0.3068,
0.3201

■ 13.6319, 0.2988,
0.3083

214.9288, 0.3072,
0.3207

■ 7.8651, 0.2960,
0.3042

260.9419, 0.3075,
0.3212

■ 4.0088, 0.2918,
0.2981

313.0937, 0.3078,

■ 1.6785, 0.2848,

0.3216

0.2881

371.7688, 0.3081,
0.3220

0.4097, 0.2572,
0.2446

0.0000, 0.0000,
0.0000

63.4916, 0.3044,
0.3165

63.4916, 0.3044,
0.3165

51.4234, 0.2878,
0.2914

77.2287, 0.3191,
0.3386

40.9525, 0.2695,
0.2632

92.6863, 0.3321,
0.3577

32.0145, 0.2498,
0.2323

97.8942, 0.3340,
0.3641

24.5372, 0.2291,
0.1995

■ 18.4427, 0.2086,
0.1662

■ 13.6459, 0.1895,
0.1344

■ 10.0519, 0.1732,
0.1064

■ 7.5532, 0.1610,
0.0842

■ 6.0225, 0.1535,
0.0694

Harmonies

Analogous

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



63.4916, 0.2998, 0.3183



63.4916, 0.3044, 0.3165



63.4916, 0.3113, 0.3180

Triad

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



63.4916, 0.3044, 0.3165



63.4916, 0.3271, 0.3348



63.4916, 0.3068, 0.3358

Complementary

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



63.4916, 0.3044, 0.3165



69.6702, 0.3209, 0.3412

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.



63.4916, 0.3140, 0.3404



63.4916, 0.3044, 0.3165



63.4916, 0.3258, 0.3397

Square

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



63.4916, 0.3044, 0.3165



63.4916, 0.3244, 0.3284



63.4916, 0.3210, 0.3418



63.4916, 0.3011, 0.3294

Rectangle

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



63.4916, 0.3044, 0.3165



63.4916, 0.3163, 0.3206



63.4916, 0.3210, 0.3418



63.4916, 0.3091, 0.3376

Sweetspot

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



63.4943, 0.3044, 0.3165



96.1142, 0.3097, 0.3245



68.9703, 0.3050, 0.3303



20.6131, 0.3099, 0.3247



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.



63.4943, 0.3044, 0.3165



86.8216, 0.3019, 0.3128



63.6825, 0.3080, 0.3154



13.3122, 0.3012, 0.3116



3.3824, 0.1517, 0.0662



0.2843, 0.1564, 0.0831

Inverse Universe

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



64.2193, 0.3211, 0.3278



88.1309, 0.3237, 0.3275



69.4861, 0.3173, 0.3425



13.5287, 0.3245, 0.3274



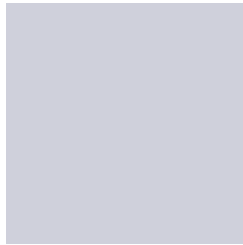
8.9652, 0.6296, 0.3242



0.5874, 0.6020, 0.3090

Previews

White Background



This preview shows how the Yxy color 63.4916, 0.3044, 0.3165 looks on a white background.

Color Contrast Check

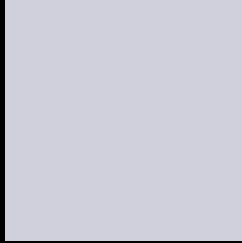
Large Text (above 18pt) WCAG AA × Fail

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 63.4916, 0.3044, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

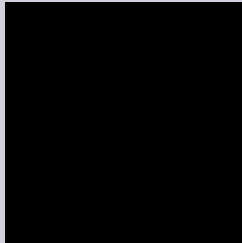
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

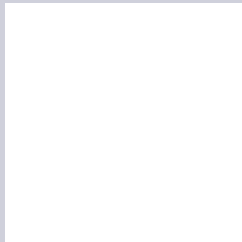
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4916, 0.3044, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 63.4916, 0.3044, 0.3165.

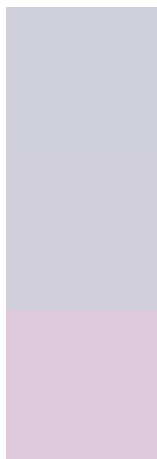


This preview shows how white text looks on a background with the Yxy color 63.4916, 0.3044, 0.3165.

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

63.4916, 0.3044, 0.3165

Protanopia

63.2954, 0.3059, 0.3154

Deuteranopia

63.0963, 0.3159, 0.3092



Tritanopia

63.4174, 0.3018, 0.3098

Trichromacy



Original Color

63.4916, 0.3044, 0.3165

Protanomaly

63.1500, 0.3052, 0.3154

Deuteranomaly

63.1048, 0.3113, 0.3112

Tritanomaly

63.3095, 0.3031, 0.3120

Monochromacy



Original Color

63.4916, 0.3044, 0.3165

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8149, 0.3092, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4916, 0.3044, 0.3165 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(207, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 219)  
}
```

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(207, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.4916, 0.3044, 0.3165 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(207, 208, 219) }
```

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

```
.border{ border-color:rgb(207, 208, 219) }
```

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

Here you see how a box with a 4 pixel rgb(207, 208, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4916, 0.3044, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 219) }
```

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

```
.background{ background-color: rgb(207,  
208, 219) }
```

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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