

Converting Colors

Yxy(61.6407, 0.3108, 0.3244)

Have a look what the booklet for
Yxy(61.6407, 0.3108, 0.3244)
contains.

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Color

Yxy(61.5315, 0.3114, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	CFCDD1
RGB	207, 205, 209
RGB Percent	81%, 80%, 82%
CMY	0.1883, 0.1960, 0.1804
CMYK	0.01, 0.02, 0.00, 0.18
HSL	270°, 4%, 81%
HSV	270°, 2%, 82%
XYZ	59.0657, 61.5315, 69.0807
YIQ	206.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

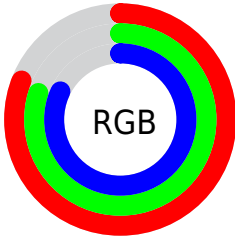
Format	Color
RYB	207, 205, 209
Decimal	13618641
CIELab	82.66, 1.41, -1.75
CIElCh	83, 2.241, 308.849
Yxy	61.5315, 0.3114, 0.3244
Android (android.graphics.Color)	4291808721 (0xFFCFCDD1)
YUV	206.0540, 1.4524, 0.8296
Hunter-Lab	78.4420, -2.8656, 2.6951

Details

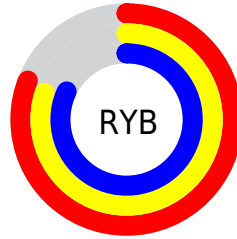
The Yxy color **61.5315, 0.3114, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2769, 0.3140, 0.3336**, and the grayscale version is **61.7475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2721, 0.3110, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **50.7166, 0.3038, 0.2990**, and if you desaturate by 10%, it is **73.7899, 0.3179, 0.3476**.

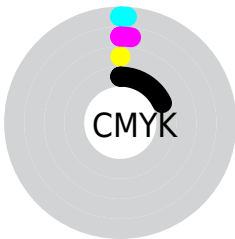
Distribution



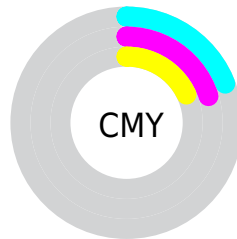
- Red (81%)
- Green (80%)
- Blue (82%)



- Red (81%)
- Yellow (80%)
- Blue (82%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5315, 0.3114, 0.3244 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 61.5315, 0.3114, 0.3244 by changing the saturation by 10% instead.

■ 61.5315, 0.3114,
0.3244

■ 61.5315, 0.3114,
0.3244

430.2201, 0.3120,
0.3266

■ 44.6542, 0.3112,
0.3239

107.0481, 0.3116,
0.3252

■ 31.1852, 0.3111,
0.3232

136.4563, 0.3117,
0.3255

■ 20.7399, 0.3108,
0.3224

170.8102, 0.3118,
0.3257

■ 12.9340, 0.3105,
0.3213

210.4943, 0.3118,
0.3259

■ 7.3831, 0.3100,
0.3197

255.8929, 0.3119,
0.3261

■ 3.7028, 0.3093,
0.3173

307.3905, 0.3120,

■ 1.5088, 0.3081,

0.3263

0.3133

365.3714, 0.3120,
0.3265

0.2949, 0.2989,
0.2802

0.0000, 0.0000,
0.0000

61.5315, 0.3114,
0.3244

61.5315, 0.3114,
0.3244

50.7166, 0.3038,
0.2990

73.7899, 0.3179,
0.3476

41.2828, 0.2949,
0.2715

87.5354, 0.3233,
0.3686

33.1745, 0.2847,
0.2425

94.4388, 0.3293,
0.3756

26.3296, 0.2732,
0.2127

96.3376, 0.3363,
0.3746

■ 20.6805, 0.2607,
0.1832

■ 97.3832, 0.3400,
0.3741

■ 16.1534, 0.2475,
0.1554

■ 12.6658, 0.2341,
0.1307

■ 10.1234, 0.2210,
0.1106

■ 8.4137, 0.2089,
0.0959

Harmonies

Analogous

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



61.5315, 0.3089, 0.3242



61.5315, 0.3114, 0.3244



61.5315, 0.3143, 0.3258

Triad

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



61.5315, 0.3114, 0.3244



61.5315, 0.3181, 0.3328



61.5315, 0.3087, 0.3299

Complementary

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



61.5315, 0.3114, 0.3244



63.2769, 0.3140, 0.3336

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.



61.5315, 0.3111, 0.3322



61.5315, 0.3114, 0.3244



61.5315, 0.3166, 0.3339

Square

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



61.5315, 0.3114, 0.3244



61.5315, 0.3182, 0.3307



61.5315, 0.3140, 0.3337



61.5315, 0.3073, 0.3273

Rectangle

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



61.5315, 0.3114, 0.3244



61.5315, 0.3160, 0.3273



61.5315, 0.3140, 0.3337



61.5315, 0.3094, 0.3307

Sweetspot

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



61.5341, 0.3114, 0.3244



98.1391, 0.3120, 0.3266



62.2441, 0.3098, 0.3268



21.0254, 0.3121, 0.3267



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.



61.5341, 0.3114, 0.3244



96.3014, 0.3113, 0.3241



61.8173, 0.3129, 0.3244



13.5165, 0.3114, 0.3245



4.6717, 0.2015, 0.0884



0.3084, 0.2218, 0.0995

Inverse Universe

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



61.7305, 0.3143, 0.3267



96.6284, 0.3144, 0.3265



62.9972, 0.3125, 0.3336



13.5591, 0.3143, 0.3267



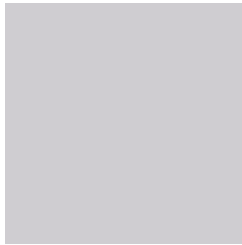
9.0205, 0.4913, 0.2480



0.5204, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 61.5315, 0.3114, 0.3244 looks on a white background.

Color Contrast Check

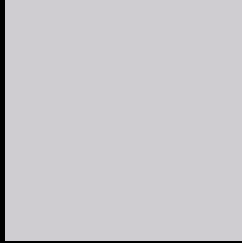
Large Text (above 18pt) WCAG AA × Fail

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 61.5315, 0.3114, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

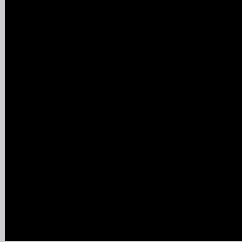
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

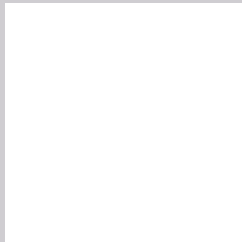
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5315, 0.3114, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 61.5315, 0.3114, 0.3244.

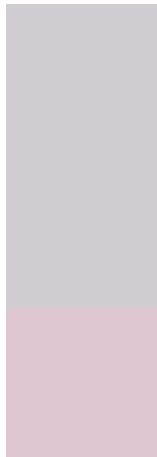


This preview shows how white text looks on a background with the Yxy color 61.5315, 0.3114, 0.3244.

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

61.5315, 0.3114, 0.3244

Protanopia

61.6760, 0.3122, 0.3244

Deuteranopia

61.1880, 0.3235, 0.3168



Tritanopia

61.3817, 0.3060, 0.3108

Trichromacy



Original Color

61.5315, 0.3114, 0.3244

Protanomaly

61.6760, 0.3122, 0.3244

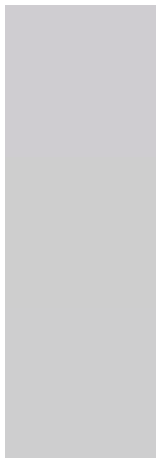
Deuteranomaly

61.1781, 0.3186, 0.3188

Tritanomaly

61.5019, 0.3080, 0.3164

Monochromacy



Original Color

61.5315, 0.3114, 0.3244

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7694, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5315, 0.3114, 0.3244 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, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 209)  
}
```

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, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.5315, 0.3114, 0.3244 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, 205, 209) }
```

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

```
.border{ border-color:rgb(207, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5315, 0.3114, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 209) }
```

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

```
.background{ background-color: rgb(207,  
205, 209) }
```

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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