

Converting Colors

$Yxy(63.6877, 0.3004, 0.3104)$

Have a look what the booklet for
Yxy(63.6877, 0.3004, 0.3104)
contains.

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Color

Yxy(63.6154, 0.3004, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	CED0E0
RGB	206, 208, 224
RGB Percent	81%, 82%, 88%
CMY	0.1920, 0.1843, 0.1217
CMYK	0.08, 0.07, 0.00, 0.12
HSL	233°, 22%, 84%
HSV	233°, 8%, 88%
XYZ	61.4669, 63.6154, 79.5346
YIQ	209.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

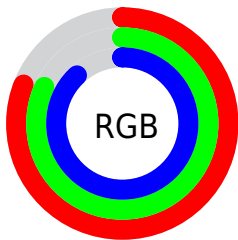
Format	Color
R _Y B	206, 208, 224
Decimal	13553888
CIE Lab	83.77, 2.36, -8.11
CIE LCh	84, 8.448, 286.244
Yxy	63.6154, 0.3004, 0.3109
Android (android.graphics.Color)	4291743968 (0xFFCED0E0)
YUV	209.2260, 7.2836, -2.8292
Hunter-Lab	79.7593, -2.0167, -3.2915

Details

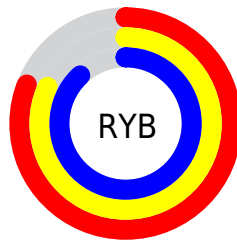
The Yxy color **63.6154, 0.3004, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5427, 0.3248, 0.3465**, and the grayscale version is **63.8738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6512, 0.2974, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **51.5161, 0.2834, 0.2856**, and if you desaturate by 10%, it is **77.3995, 0.3156, 0.3332**.

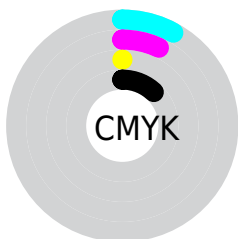
Distribution



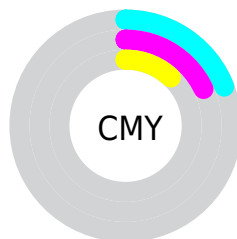
- Red (81%)
- Green (82%)
- Blue (88%)



- Red (81%)
- Yellow (82%)
- Blue (88%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6154, 0.3004, 0.3109 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 63.6154, 0.3004, 0.3109 by changing the saturation by 10% instead.

■ 63.6154, 0.3004,
0.3109

■ 63.6154, 0.3004,
0.3109

437.7995, 0.3062,
0.3194

■ 46.3392, 0.2990,
0.3089

110.0569, 0.3025,
0.3139

■ 32.5136, 0.2973,
0.3064

139.9910, 0.3033,
0.3150

■ 21.7541, 0.2951,
0.3033

174.9132, 0.3039,
0.3160

■ 13.6763, 0.2922,
0.2991

215.2078, 0.3045,
0.3169

■ 7.8959, 0.2880,
0.2933

261.2594, 0.3050,
0.3176

■ 4.0284, 0.2819,
0.2846

313.4523, 0.3055,

■ 1.6895, 0.2717,

0.3183

0.2706

372.1708, 0.3059,
0.3189

0.4168, 0.2398,
0.2202

0.0000, 0.0000,
0.0000

63.6154, 0.3004,
0.3109

63.6154, 0.3004,
0.3109

51.5161, 0.2834,
0.2856

77.3995, 0.3156,
0.3332

41.0292, 0.2648,
0.2573

92.9214, 0.3291,
0.3527

32.0889, 0.2449,
0.2266

98.1599, 0.3310,
0.3592

24.6215, 0.2244,
0.1941

■ 18.5476, 0.2043,
0.1615

■ 13.7801, 0.1859,
0.1306

■ 10.2220, 0.1705,
0.1036

■ 7.7624, 0.1594,
0.0826

■ 6.2638, 0.1528,
0.0687

Harmonies

Analogous

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



63.6154, 0.2938, 0.3135



63.6154, 0.3004, 0.3109



63.6154, 0.3103, 0.3130

Triad

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



63.6154, 0.3004, 0.3109



63.6154, 0.3336, 0.3371



63.6154, 0.3043, 0.3392

Complementary

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



63.6154, 0.3004, 0.3109



72.5427, 0.3248, 0.3465

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.



63.6154, 0.3148, 0.3458



63.6154, 0.3004, 0.3109



63.6154, 0.3319, 0.3443

Square

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



63.6154, 0.3004, 0.3109



63.6154, 0.3296, 0.3279



63.6154, 0.3250, 0.3476



63.6154, 0.2961, 0.3298

Rectangle

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



63.6154, 0.3004, 0.3109



63.6154, 0.3176, 0.3167



63.6154, 0.3250, 0.3476



63.6154, 0.3077, 0.3418

Sweetspot

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



63.6181, 0.3004, 0.3109



96.1822, 0.3097, 0.3246



71.6865, 0.3017, 0.3313



20.6270, 0.3099, 0.3248



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.



63.6181, 0.3004, 0.3109



81.8390, 0.2970, 0.3059



63.6718, 0.3054, 0.3090



13.4838, 0.2981, 0.3074



3.6077, 0.1523, 0.0681



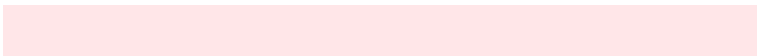
0.3324, 0.1576, 0.0872

Inverse Universe

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



64.5552, 0.3250, 0.3269



83.4186, 0.3286, 0.3263



72.5163, 0.3196, 0.3489



13.7248, 0.3275, 0.3265



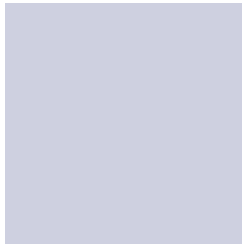
9.2722, 0.6265, 0.3225



0.6510, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 63.6154, 0.3004, 0.3109 looks on a white background.

Color Contrast Check

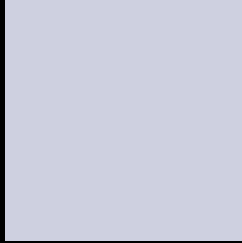
Large Text (above 18pt) WCAG AA × Fail

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 63.6154, 0.3004, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

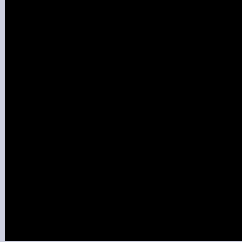
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

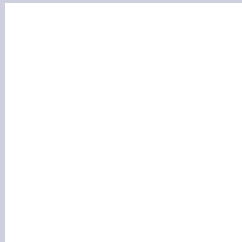
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6154, 0.3004, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 63.6154, 0.3004, 0.3109.

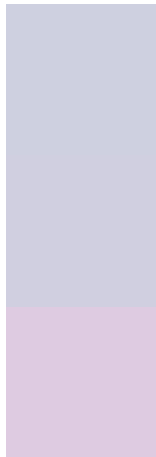


This preview shows how white text looks on a background with the Yxy color 63.6154, 0.3004, 0.3109.

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

63.6154, 0.3004, 0.3109

Protanopia

63.4174, 0.3018, 0.3098

Deuteranopia

63.6777, 0.3116, 0.3049



Tritanopia

63.6154, 0.3004, 0.3109

Trichromacy



Original Color

63.6154, 0.3004, 0.3109

Protanomaly

63.2729, 0.3011, 0.3098

Deuteranomaly

63.6978, 0.3070, 0.3068

Tritanomaly

63.6154, 0.3004, 0.3109

Monochromacy



Original Color

63.6154, 0.3004, 0.3109

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8659, 0.3085, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6154, 0.3004, 0.3109 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(206, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 224)  
}
```

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(206, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 224) }
```

Border

The CSS property to change the border of an element to Yxy 63.6154, 0.3004, 0.3109 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(206, 208, 224) }
```

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

```
.border{ border-color:rgb(206, 208, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6154, 0.3004, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 224) }
```

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

```
.background{ background-color: rgb(206,  
208, 224) }
```

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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