

Converting Colors

Yxy(60.2736, 0.3044, 0.3215)

Have a look what the booklet for
Yxy(60.2736, 0.3044, 0.3215)
contains.

Yxy(60.0310, 0.3041, 0.3208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.0310, 0.3041, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	C7CCD3
RGB	199, 204, 211
RGB Percent	78%, 80%, 83%
CMY	0.2195, 0.2000, 0.1727
CMYK	0.06, 0.03, 0.00, 0.17
HSL	215°, 12%, 80%
HSV	215°, 6%, 83%
XYZ	56.9059, 60.0310, 70.1921
YIQ	203.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

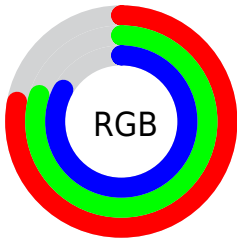
Format	Color
RYB	199, 203, 211
Decimal	13094099
CIELab	81.86, -0.37, -4.06
CIElCh	82, 4.073, 264.729
Yxy	60.0310, 0.3041, 0.3208
Android (android.graphics.Color)	4291284179 (0xFFC7CCD3)
YUV	203.3030, 3.7946, -3.7737
Hunter-Lab	77.4797, -4.4878, 0.5225

Details

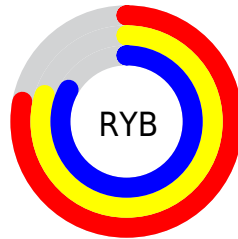
The Yxy color **60.0310, 0.3041, 0.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1090, 0.3215, 0.3371**, and the grayscale version is **59.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2668, 0.3013, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **51.7214, 0.2882, 0.3049**, and if you desaturate by 10%, it is **69.2084, 0.3191, 0.3349**.

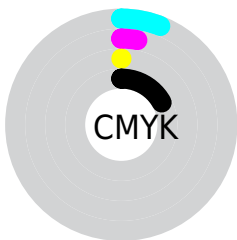
Distribution



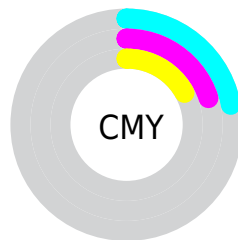
- Red (78%)
- Green (80%)
- Blue (83%)



- Red (78%)
- Yellow (80%)
- Blue (83%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0310, 0.3041, 0.3208 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 60.0310, 0.3041, 0.3208 by changing the saturation by 10% instead.

■ 60.0310, 0.3041,
0.3208

■ 60.0310, 0.3041,
0.3208

424.7120, 0.3082,
0.3247

■ 43.4436, 0.3031,
0.3199

104.8746, 0.3056,
0.3222

■ 30.2333, 0.3019,
0.3187

133.8997, 0.3061,
0.3227

■ 20.0158, 0.3003,
0.3172

167.8394, 0.3066,
0.3232

■ 12.4065, 0.2982,
0.3151

207.0782, 0.3070,
0.3236

■ 7.0212, 0.2952,
0.3122

252.0005, 0.3074,
0.3239

■ 3.4753, 0.2906,
0.3078

302.9906, 0.3077,

■ 1.3846, 0.2827,

0.3242

0.3003

360.4330, 0.3080,
0.3245

0.2054, 0.2071,
0.2285

0.0000, 0.0000,
0.0000

60.0310, 0.3041,
0.3208

60.0310, 0.3041,
0.3208

51.7214, 0.2882,
0.3049

69.2084, 0.3191,
0.3349

44.2449, 0.2716,
0.2873

79.2717, 0.3331,
0.3474

37.5757, 0.2545,
0.2679

88.8331, 0.3410,
0.3588

31.6834, 0.2375,
0.2470

96.3671, 0.3391,
0.3705

■ 26.5356, 0.2210,
0.2250

■ 97.4814, 0.3388,
0.3721

■ 22.0970, 0.2056,
0.2023

■ 18.3292, 0.1920,
0.1796

■ 15.1886, 0.1809,
0.1579

■ 12.6241, 0.1724,
0.1378

Harmonies

Analogous

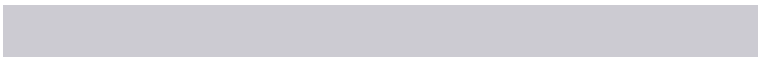
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0310, 0.3026, 0.3237



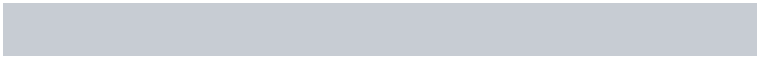
60.0310, 0.3041, 0.3208



60.0310, 0.3079, 0.3201

Triad

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



60.0310, 0.3041, 0.3208



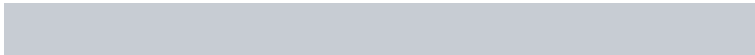
60.0310, 0.3218, 0.3298



60.0310, 0.3123, 0.3365

Complementary

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



60.0310, 0.3041, 0.3208



62.1090, 0.3215, 0.3371

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.



60.0310, 0.3175, 0.3381



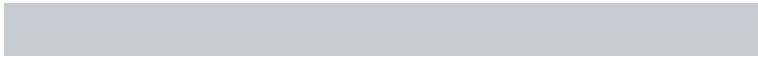
60.0310, 0.3041, 0.3208



60.0310, 0.3230, 0.3342

Square

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



60.0310, 0.3041, 0.3208



60.0310, 0.3182, 0.3253



60.0310, 0.3214, 0.3372



60.0310, 0.3073, 0.3328

Rectangle

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



60.0310, 0.3041, 0.3208



60.0310, 0.3113, 0.3209



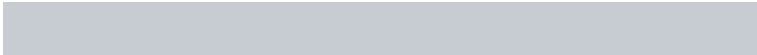
60.0310, 0.3214, 0.3372



60.0310, 0.3141, 0.3373

Sweetspot

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



60.0335, 0.3041, 0.3208



97.1613, 0.3097, 0.3261



63.1734, 0.3073, 0.3348



20.8263, 0.3098, 0.3263



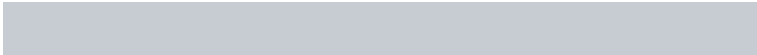
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0335, 0.3041, 0.3208



90.3033, 0.3019, 0.3187



57.8450, 0.3049, 0.3149



12.5586, 0.3012, 0.3180



7.2293, 0.1701, 0.1324



0.5593, 0.1802, 0.1688

Inverse Universe

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



59.0642, 0.3184, 0.3233



88.4824, 0.3200, 0.3218



64.3935, 0.3203, 0.3428



12.2895, 0.3205, 0.3213



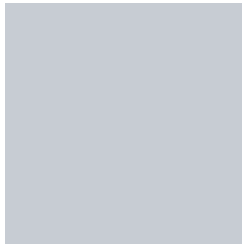
8.8011, 0.5294, 0.2690



0.5078, 0.4821, 0.2429

Previews

White Background



This preview shows how the Yxy color 60.0310, 0.3041, 0.3208 looks on a white background.

Color Contrast Check

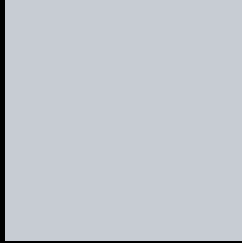
Large Text (above 18pt) WCAG AA × Fail

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 60.0310, 0.3041, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

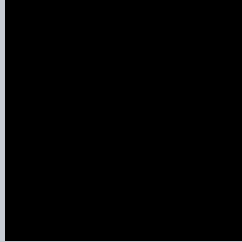
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

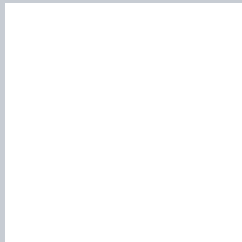
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0310, 0.3041, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 60.0310, 0.3041, 0.3208.

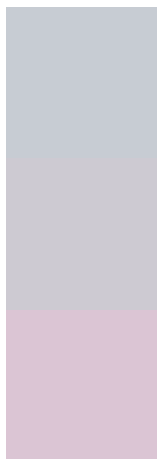


This preview shows how white text looks on a background with the Yxy color 60.0310, 0.3041, 0.3208.

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

60.0310, 0.3041, 0.3208

Protanopia

59.8733, 0.3093, 0.3197

Deuteranopia

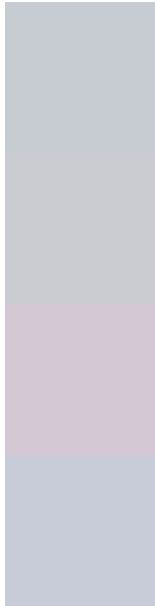
59.7460, 0.3190, 0.3121



Tritanopia

60.1057, 0.2993, 0.3104

Trichromacy



Original Color

60.0310, 0.3041, 0.3208

Protanomaly

60.0615, 0.3078, 0.3208

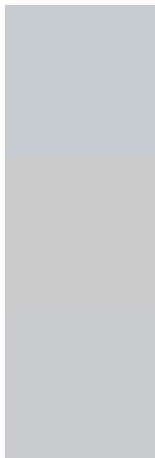
Deuteranomaly

60.0591, 0.3134, 0.3153

Tritanomaly

59.9491, 0.3014, 0.3138

Monochromacy



Original Color

60.0310, 0.3041, 0.3208

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7247, 0.3098, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0310, 0.3041, 0.3208 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, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 211)  
}
```

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, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.0310, 0.3041, 0.3208 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, 204, 211) }
```

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

```
.border{ border-color:rgb(199, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0310, 0.3041, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 211) }
```

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

```
.background{ background-color: rgb(199,  
204, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor