

Converting Colors

$Yxy(60.3101, 0.3005, 0.3207)$

Have a look what the booklet for
Yxy(60.3101, 0.3005, 0.3207)
contains.

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Color

Yxy(60.1519, 0.3011, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C4CDD4
RGB	196, 205, 212
RGB Percent	77%, 80%, 83%
CMY	0.2315, 0.1960, 0.1685
CMYK	0.08, 0.03, 0.00, 0.17
HSL	206°, 16%, 80%
HSV	206°, 8%, 83%
XYZ	56.4756, 60.1519, 70.9369
YIQ	203.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

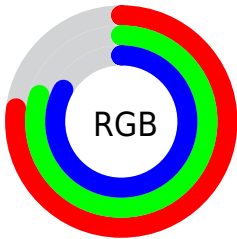
Format	Color
RYB	196, 202, 212
Decimal	12897748
CIELab	81.92, -1.72, -4.55
CIElCh	82, 4.867, 249.278
Yxy	60.1519, 0.3011, 0.3207
Android (android.graphics.Color)	4291087828 (0xFFC4CDD4)
YUV	203.1070, 4.3842, -6.2328
Hunter-Lab	77.5577, -5.7464, 0.0617

Details

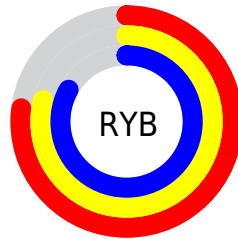
The Yxy color **60.1519, 0.3011, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6872, 0.3248, 0.3372**, and the grayscale version is **59.7664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **30.3183, 0.2983, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **53.2096, 0.2854, 0.3087**, and if you desaturate by 10%, it is **67.7632, 0.3164, 0.3315**.

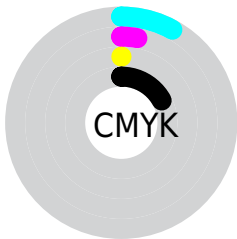
Distribution



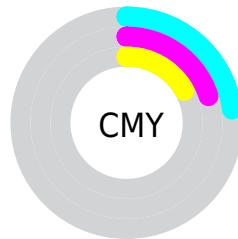
- Red (77%)
- Green (80%)
- Blue (83%)



- Red (77%)
- Yellow (79%)
- Blue (83%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1519, 0.3011, 0.3207 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 60.1519, 0.3011, 0.3207 by changing the saturation by 10% instead.

■ 60.1519, 0.3011,
0.3207

■ 60.1519, 0.3011,
0.3207

425.1574, 0.3067,
0.3247

■ 43.5411, 0.2998,
0.3197

105.0500, 0.3031,
0.3221

■ 30.3099, 0.2981,
0.3186

134.1060, 0.3038,
0.3227

■ 20.0739, 0.2960,
0.3170

168.0793, 0.3045,
0.3231

■ 12.4488, 0.2932,
0.3149

207.3542, 0.3050,
0.3235

■ 7.0501, 0.2891,
0.3119

252.3150, 0.3055,
0.3239

■ 3.4934, 0.2830,
0.3074

303.3462, 0.3059,

■ 1.3945, 0.2727,

0.3242

0.2996

360.8323, 0.3063,
0.3245

0.2126, 0.1735,
0.2305

0.0000, 0.0000,
0.0000

60.1519, 0.3011,
0.3207

60.1519, 0.3011,
0.3207

53.2096, 0.2854,
0.3087

67.7632, 0.3164,
0.3315

46.9075, 0.2695,
0.2954

76.0562, 0.3310,
0.3411

41.2255, 0.2537,
0.2809

84.1745, 0.3417,
0.3499

36.1396, 0.2384,
0.2654

89.5494, 0.3402,
0.3588

■ 31.6238, 0.2240,
0.2490

■ 95.2035, 0.3387,
0.3676

■ 27.6495, 0.2111,
0.2321

■ 97.5347, 0.3381,
0.3710

■ 24.1849, 0.2000,
0.2150

■ 21.1937, 0.1910,
0.1982

■ 18.6270, 0.1843,
0.1819

Harmonies

Analogous

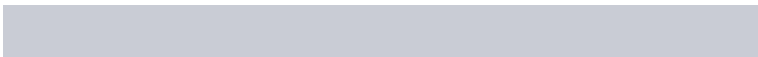
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1519, 0.3009, 0.3252



60.1519, 0.3011, 0.3207



60.1519, 0.3044, 0.3185

Triad

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



60.1519, 0.3011, 0.3207



60.1519, 0.3217, 0.3271



60.1519, 0.3155, 0.3393

Complementary

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



60.1519, 0.3011, 0.3207



60.6872, 0.3248, 0.3372

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.



60.1519, 0.3211, 0.3397



60.1519, 0.3011, 0.3207



60.1519, 0.3247, 0.3326

Square

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



60.1519, 0.3011, 0.3207



60.1519, 0.3162, 0.3222



60.1519, 0.3245, 0.3372



60.1519, 0.3092, 0.3360

Rectangle

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



60.1519, 0.3011, 0.3207



60.1519, 0.3079, 0.3185



60.1519, 0.3245, 0.3372



60.1519, 0.3175, 0.3398

Sweetspot

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



60.1544, 0.3011, 0.3207



97.6326, 0.3096, 0.3269



63.1391, 0.3071, 0.3397



20.9223, 0.3098, 0.3270



0.0000, 0.0000, 0.0000



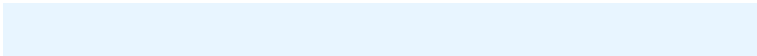
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1544, 0.3011, 0.3207



89.6751, 0.2987, 0.3190



56.4356, 0.3011, 0.3112



13.1577, 0.2982, 0.3186



11.3431, 0.1834, 0.1803



0.8476, 0.1912, 0.2084

Inverse Universe

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



57.8741, 0.3188, 0.3186



85.5925, 0.3201, 0.3164



64.5507, 0.3240, 0.3462



12.5368, 0.3204, 0.3159



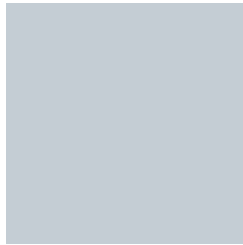
9.4899, 0.4682, 0.2353



0.5889, 0.4359, 0.2175

Previews

White Background



This preview shows how the Yxy color 60.1519, 0.3011, 0.3207 looks on a white background.

Color Contrast Check

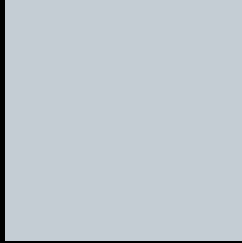
Large Text (above 18pt) WCAG AA × Fail

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 60.1519, 0.3011, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

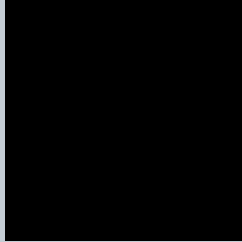
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

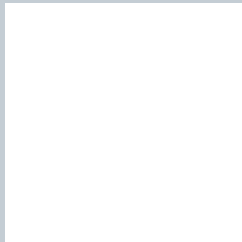
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1519, 0.3011, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 60.1519, 0.3011, 0.3207.



This preview shows how white text looks on a background with the Yxy color 60.1519, 0.3011, 0.3207.

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

60.1519, 0.3011, 0.3207

Protanopia

59.8733, 0.3093, 0.3197

Deuteranopia

59.8476, 0.3175, 0.3099



Tritanopia

60.2234, 0.2965, 0.3103

Trichromacy



Original Color

60.1519, 0.3011, 0.3207

Protanomaly

59.9716, 0.3063, 0.3196

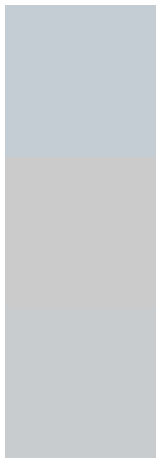
Deuteranomaly

59.9615, 0.3119, 0.3141

Tritanomaly

60.0658, 0.2985, 0.3138

Monochromacy



Original Color

60.1519, 0.3011, 0.3207

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9213, 0.3083, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1519, 0.3011, 0.3207 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(196, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 212)  
}
```

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(196, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.1519, 0.3011, 0.3207 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(196, 205, 212) }
```

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

```
.border{ border-color:rgb(196, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 205, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 205, 212); box-shadow:4px 4px 4px 4px rgb(196, 205, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1519, 0.3011, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 212) }
```

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

```
.background{ background-color: rgb(196,  
205, 212) }
```

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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