

Converting Colors

$Yxy(60.2982, 0.2987, 0.3102)$

Have a look what the booklet for
Yxy(60.2982, 0.2987, 0.3102)
contains.

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Color

Yxy(60.1585, 0.2987, 0.3093)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C8CBDC |
| RGB | 200, 203, 220 |
| RGB Percent | 78%, 80%, 86% |
| CMY | 0.2156, 0.2039, 0.1373 |
| CMYK | 0.09, 0.08, 0.00, 0.14 |
| HSL | 231°, 22%, 82% |
| HSV | 231°, 9%, 86% |
| XYZ | 58.0968, 60.1585, 76.2436 |
| YIQ | 204.0410, -7.2450, 4.6510 |

Conversions

Conversions Part 2

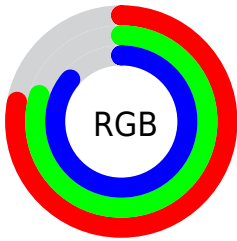
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 200, 203, 220 |
| Decimal | 13159388 |
| CIE Lab | 81.92, 2.25, -8.77 |
| CIE LCh | 82, 9.049, 284.376 |
| Yxy | 60.1585, 0.2987, 0.3093 |
| Android (android.graphics.Color) | 4291349468 (0xFFC8CBDC) |
| YUV | 204.0410, 7.8678, -3.5440 |
| Hunter-Lab | 77.5619, -2.0301, -3.9889 |

Details

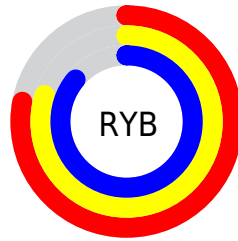
The Yxy color $60.1585, 0.2987, 0.3093$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.0144, 0.3265, 0.3480$, and the grayscale version is $60.3668, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.3225, 0.2951, 0.3044$ is the 20% darker color. If you saturate the color by 10%, you get $49.0301, 0.2817, 0.2849$, and if you desaturate by 10%, it is $72.7959, 0.3141, 0.3309$.

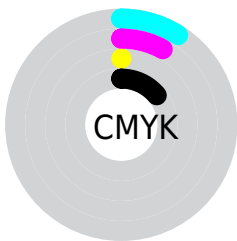
Distribution



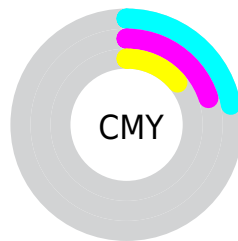
- Red (78%)
- Green (80%)
- Blue (86%)



- Red (78%)
- Yellow (80%)
- Blue (86%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1585, 0.2987, 0.3093 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 60.1585, 0.2987, 0.3093 by changing the saturation by 10% instead.

■ 60.1585, 0.2987,
0.3093

■ 60.1585, 0.2987,
0.3093

425.1818, 0.3054,
0.3187

■ 43.5464, 0.2971,
0.3071

105.0596, 0.3011,
0.3126

■ 30.3141, 0.2951,
0.3043

134.1173, 0.3020,
0.3139

■ 20.0771, 0.2925,
0.3008

168.0924, 0.3028,
0.3150

■ 12.4511, 0.2891,
0.2961

207.3692, 0.3034,
0.3159

■ 7.0517, 0.2842,
0.2894

252.3322, 0.3040,
0.3167

■ 3.4944, 0.2767,
0.2795

303.3656, 0.3045,

■ 1.3950, 0.2642,

0.3175

0.2629

360.8540, 0.3050,
0.3181

0.2130, 0.1957,
0.1620

0.0000, 0.0000,
0.0000

60.1585, 0.2987,
0.3093

60.1585, 0.2987,
0.3093

49.0301, 0.2817,
0.2849

72.7959, 0.3141,
0.3309

39.3467, 0.2632,
0.2577

86.9880, 0.3278,
0.3498

31.0508, 0.2435,
0.2281

97.9461, 0.3334,
0.3631

24.0783, 0.2235,
0.1969

■ 18.3598, 0.2039,
0.1653

■ 13.8196, 0.1861,
0.1352

■ 10.3735, 0.1712,
0.1085

■ 7.9257, 0.1602,
0.0871

■ 6.3510, 0.1536,
0.0721

Harmonies

Analogous

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



60.1585, 0.2919, 0.3125



60.1585, 0.2987, 0.3093



60.1585, 0.3094, 0.3113

Triad

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



60.1585, 0.2987, 0.3093



60.1585, 0.3354, 0.3372



60.1585, 0.3042, 0.3407

Complementary

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



60.1585, 0.2987, 0.3093



69.0144, 0.3265, 0.3480

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.



60.1585, 0.3158, 0.3476



60.1585, 0.2987, 0.3093



60.1585, 0.3339, 0.3453

Square

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



60.1585, 0.2987, 0.3093



60.1585, 0.3307, 0.3271



60.1585, 0.3267, 0.3493



60.1585, 0.2950, 0.3305

Rectangle

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



60.1585, 0.2987, 0.3093



60.1585, 0.3173, 0.3152



60.1585, 0.3267, 0.3493



60.1585, 0.3079, 0.3435

Sweetspot

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



60.1610, 0.2987, 0.3093



94.4934, 0.3082, 0.3227



68.4674, 0.3007, 0.3324



19.9176, 0.3070, 0.3210



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.



60.1610, 0.2987, 0.3093



80.7640, 0.2954, 0.3046



59.7560, 0.3039, 0.3062



12.9283, 0.2981, 0.3085



3.7627, 0.1535, 0.0727



0.3447, 0.1605, 0.0979

Inverse Universe

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



60.8466, 0.3262, 0.3257



81.9474, 0.3296, 0.3249



69.4919, 0.3210, 0.3515



13.0829, 0.3268, 0.3255



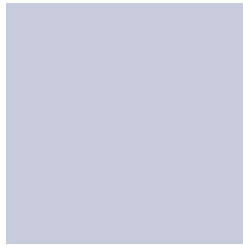
9.0036, 0.6188, 0.3183



0.5935, 0.5790, 0.2963

Previews

White Background



This preview shows how the Yxy color 60.1585, 0.2987, 0.3093 looks on a white background.

Color Contrast Check

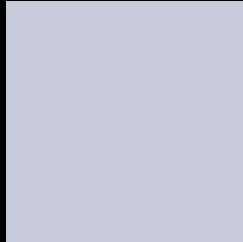
Large Text (above 18pt) WCAG AA × Fail

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 60.1585, 0.2987, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

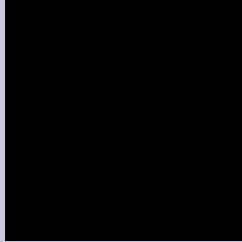
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

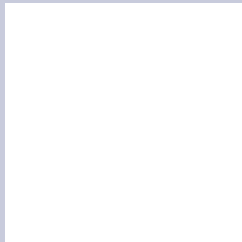
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1585, 0.2987, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 60.1585, 0.2987, 0.3093.

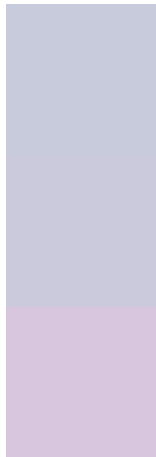


This preview shows how white text looks on a background with the Yxy color 60.1585, 0.2987, 0.3093.

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

60.1585, 0.2987, 0.3093

Protanopia

60.1049, 0.3009, 0.3082

Deuteranopia

60.0557, 0.3093, 0.3032



Tritanopia

60.1057, 0.2993, 0.3104

Trichromacy



Original Color

60.1585, 0.2987, 0.3093

Protanomaly

59.9649, 0.3001, 0.3082

Deuteranomaly

60.2306, 0.3054, 0.3052

Tritanomaly

60.1057, 0.2993, 0.3104

Monochromacy



Original Color

60.1585, 0.2987, 0.3093

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5354, 0.3077, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1585, 0.2987, 0.3093 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(200, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 220)  
}
```

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(200, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.1585, 0.2987, 0.3093 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(200, 203, 220) }
```

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

```
.border{ border-color:rgb(200, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1585, 0.2987, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 220) }
```

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

```
.background{ background-color: rgb(200,  
203, 220) }
```

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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