

Converting Colors

$Y_{xy}(59.9175, 0.2982, 0.3213)$

Have a look what the booklet for
Yxy(59.9175, 0.2982, 0.3213)
contains.

Yxy(60.1025, 0.2982, 0.3218)	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(60.1025, 0.2982, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	C0CED4
RGB	192, 206, 212
RGB Percent	75%, 81%, 83%
CMY	0.2471, 0.1921, 0.1685
CMYK	0.09, 0.03, 0.00, 0.17
HSL	198°, 19%, 79%
HSV	198°, 9%, 83%
XYZ	55.6947, 60.1025, 70.9725
YIQ	202.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

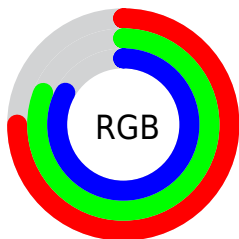
Format	Color
R _Y B	192, 200, 212
Decimal	12635860
CIE Lab	81.89, -3.55, -4.63
CIE LCh	82, 5.834, 232.482
Yxy	60.1025, 0.2982, 0.3218
Android (android.graphics.Color)	4290825940 (0xFFC0CED4)
YUV	202.4980, 4.6845, -9.2067
Hunter-Lab	77.5258, -7.4353, -0.0101

Details

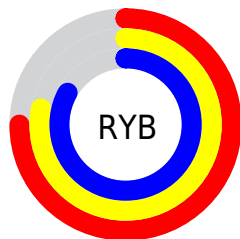
The Yxy color **60.1025, 0.2982, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2053, 0.3284, 0.3361**, and the grayscale version is **59.3666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **30.2941, 0.2945, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **54.5246, 0.2828, 0.3134**, and if you desaturate by 10%, it is **66.2088, 0.3136, 0.3294**.

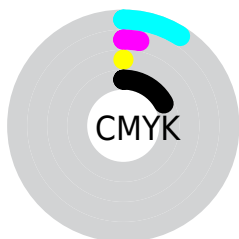
Distribution



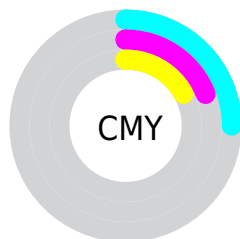
- Red (75%)
- Green (81%)
- Blue (83%)



- Red (75%)
- Yellow (78%)
- Blue (83%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1025, 0.2982, 0.3218 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 60.1025, 0.2982, 0.3218 by changing the saturation by 10% instead.

■ 60.1025, 0.2982,
0.3218

■ 60.1025, 0.2982,
0.3218

424.9755, 0.3051,
0.3253

■ 43.5013, 0.2966,
0.3210

■ 104.9783, 0.3006,
0.3230

■ 30.2786, 0.2945,
0.3199

134.0217, 0.3016,
0.3235

■ 20.0502, 0.2919,
0.3185

167.9813, 0.3024,
0.3239

■ 12.4315, 0.2883,
0.3167

207.2414, 0.3031,
0.3243

■ 7.0383, 0.2833,
0.3140

252.1865, 0.3037,
0.3246

■ 3.4860, 0.2758,
0.3099

303.2010, 0.3042,

■ 1.3904, 0.2630,

0.3248

0.3028

360.6691, 0.3047,
0.3251

0.2097, 0.1288,
0.2399

0.0000, 0.0000,
0.0000

60.1025, 0.2982,
0.3218

60.1025, 0.2982,
0.3218

54.5246, 0.2828,
0.3134

66.2088, 0.3136,
0.3294

49.4491, 0.2677,
0.3043

72.8534, 0.3287,
0.3362

44.8589, 0.2532,
0.2944

79.9405, 0.3429,
0.3423

40.7328, 0.2397,
0.2839

83.4568, 0.3419,
0.3486

■ 37.0476, 0.2275,
0.2729

■ 87.1033, 0.3408,
0.3548

■ 33.7780, 0.2169,
0.2616

■ 90.8814, 0.3398,
0.3610

■ 30.8949, 0.2082,
0.2501

■ 94.7924, 0.3388,
0.3670

■ 28.3646, 0.2015,
0.2387

■ 97.5350, 0.3381,
0.3710

■ 26.1304, 0.1966,
0.2275

Harmonies

Analogous

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



60.1025, 0.3001, 0.3282



60.1025, 0.2982, 0.3218



60.1025, 0.3001, 0.3175

Triad

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



60.1025, 0.2982, 0.3218



60.1025, 0.3200, 0.3232



60.1025, 0.3200, 0.3421

Complementary

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



60.1025, 0.2982, 0.3218



58.2053, 0.3284, 0.3361

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.



60.1025, 0.3255, 0.3406



60.1025, 0.2982, 0.3218



60.1025, 0.3255, 0.3296

Square

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



60.1025, 0.2982, 0.3218



60.1025, 0.3127, 0.3184



60.1025, 0.3275, 0.3360



60.1025, 0.3127, 0.3400

Rectangle

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



60.1025, 0.2982, 0.3218



60.1025, 0.3033, 0.3163



60.1025, 0.3275, 0.3360



60.1025, 0.3221, 0.3420

Sweetspot

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



60.1050, 0.2982, 0.3218



97.1183, 0.3081, 0.3268



62.3857, 0.3075, 0.3458



20.6252, 0.3068, 0.3262



0.0000, 0.0000, 0.0000



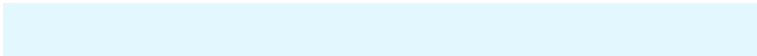
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1050, 0.2982, 0.3218



89.7966, 0.2956, 0.3205



55.4413, 0.2981, 0.3097



13.4478, 0.2982, 0.3218



16.2366, 0.1968, 0.2284



1.1213, 0.2022, 0.2479

Inverse Universe

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



56.1548, 0.3183, 0.3128



82.8592, 0.3194, 0.3099



62.9305, 0.3272, 0.3476



12.5661, 0.3183, 0.3128



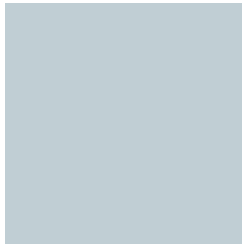
9.9839, 0.4143, 0.2056



0.6165, 0.3943, 0.1946

Previews

White Background



This preview shows how the Yxy color 60.1025, 0.2982, 0.3218 looks on a white background.

Color Contrast Check

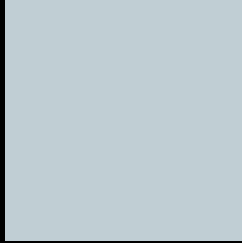
Large Text (above 18pt) WCAG AA × Fail

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 60.1025, 0.2982, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

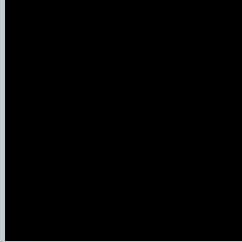
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

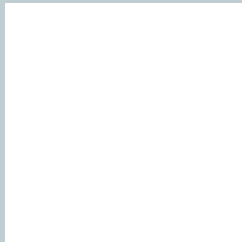
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1025, 0.2982, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 60.1025, 0.2982, 0.3218.

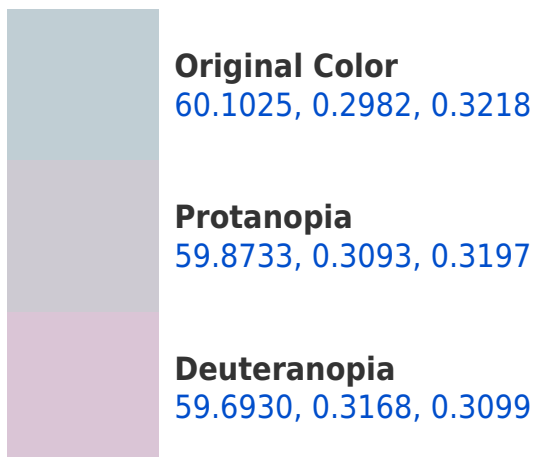


This preview shows how white text looks on a background with the Yxy color 60.1025, 0.2982, 0.3218.

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





Tritanopia

60.3524, 0.2937, 0.3103

Trichromacy



Original Color

60.1025, 0.2982, 0.3218

Protanomaly

59.6944, 0.3048, 0.3196

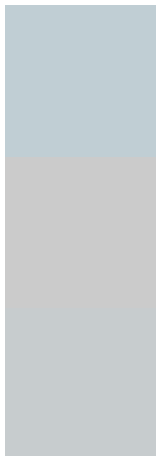
Deuteranomaly

59.6680, 0.3103, 0.3141

Tritanomaly

60.0621, 0.2949, 0.3137

Monochromacy



Original Color

60.1025, 0.2982, 0.3218

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7841, 0.3075, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1025, 0.2982, 0.3218 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(192, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 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(192, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.1025, 0.2982, 0.3218 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(192, 206, 212) }
```

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

```
.border{ border-color:rgb(192, 206, 212) }
```

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

Here you see how a box with a 4 pixel rgb(192, 206, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1025, 0.2982, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 206, 212) }
```

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

```
.background{ background-color: rgb(192,  
206, 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](#).

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