

Converting Colors

$Yxy(59.9459, 0.2923, 0.3182)$

Have a look what the booklet for
Yxy(59.9459, 0.2923, 0.3182)
contains.

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Color

Yxy(60.1483, 0.2920, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	BBCFD8
RGB	187, 207, 216
RGB Percent	73%, 81%, 85%
CMY	0.2668, 0.1882, 0.1528
CMYK	0.13, 0.04, 0.00, 0.15
HSL	199°, 27%, 79%
HSV	199°, 13%, 85%
XYZ	55.1958, 60.1483, 73.6826
YIQ	202.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

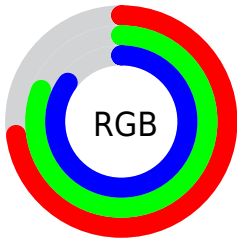
Format	Color
R _Y B	187, 199, 216
Decimal	12308440
CIE Lab	81.92, -4.91, -6.76
CIE LCh	82, 8.360, 234.006
Yxy	60.1483, 0.2920, 0.3182
Android (android.graphics.Color)	4290498520 (0xFFBBCFD8)
YUV	202.0460, 6.8793, -13.1953
Hunter-Lab	77.5553, -8.6842, -2.0406

Details

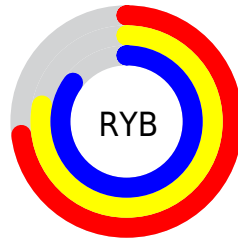
The Yxy color $60.1483, 0.2920, 0.3182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.6562, 0.3358, 0.3396$, and the grayscale version is $59.0542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7947, 0.3054, 0.3290$, and $30.4240, 0.2874, 0.3162$ is the 20% darker color. If you saturate the color by 10%, you get $54.4513, 0.2767, 0.3092$, and if you desaturate by 10%, it is $66.3978, 0.3074, 0.3264$.

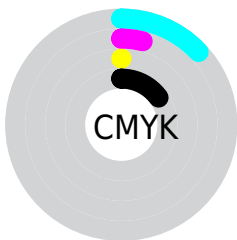
Distribution



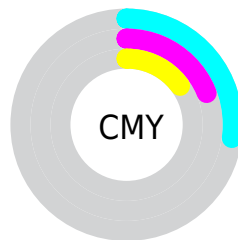
- Red (73%)
- Green (81%)
- Blue (85%)



- Red (73%)
- Yellow (78%)
- Blue (85%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1483, 0.2920, 0.3182 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 60.1483, 0.2920, 0.3182 by changing the saturation by 10% instead.

■ 60.1483, 0.2920,
0.3182

■ 60.1483, 0.2920,
0.3182

425.1442, 0.3019,
0.3234

■ 43.5382, 0.2897,
0.3169

■ 105.0448, 0.2955,
0.3201

■ 30.3076, 0.2868,
0.3154

134.0999, 0.2968,
0.3208

■ 20.0722, 0.2830,
0.3133

168.0722, 0.2980,
0.3214

■ 12.4475, 0.2780,
0.3105

207.3459, 0.2989,
0.3219

■ 7.0492, 0.2710,
0.3065

252.3056, 0.2998,
0.3224

■ 3.4929, 0.2604,
0.3003

303.3357, 0.3006,

■ 1.3942, 0.2428,

0.3228

0.2895

360.8204, 0.3013,
0.3231

0.2124, 0.0821,
0.2127

0.0000, 0.0000,
0.0000

60.1483, 0.2920,
0.3182

60.1483, 0.2920,
0.3182

54.4513, 0.2767,
0.3092

66.3978, 0.3074,
0.3264

49.2794, 0.2617,
0.2994

73.2111, 0.3227,
0.3337

44.6137, 0.2474,
0.2890

80.6084, 0.3375,
0.3403

40.4312, 0.2342,
0.2779

84.9545, 0.3388,
0.3468

■ 36.7067, 0.2225,
0.2663

■ 88.8368, 0.3378,
0.3533

■ 33.4118, 0.2125,
0.2545

■ 92.8648, 0.3369,
0.3597

■ 30.5145, 0.2045,
0.2427

■ 97.0400, 0.3359,
0.3660

■ 27.9760, 0.1985,
0.2310

■ 97.7392, 0.3357,
0.3671

■ 26.4674, 0.1954,
0.2234

Harmonies

Analogous

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



60.1483, 0.2945, 0.3272



60.1483, 0.2920, 0.3182



60.1483, 0.2950, 0.3123

Triad

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



60.1483, 0.2920, 0.3182



60.1483, 0.3237, 0.3212



60.1483, 0.3226, 0.3478

Complementary

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



60.1483, 0.2920, 0.3182



57.6562, 0.3358, 0.3396

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.



60.1483, 0.3307, 0.3458



60.1483, 0.2920, 0.3182



60.1483, 0.3313, 0.3303

Square

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



60.1483, 0.2920, 0.3182



60.1483, 0.3131, 0.3141



60.1483, 0.3339, 0.3393



60.1483, 0.3120, 0.3446

Rectangle

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



60.1483, 0.2920, 0.3182



60.1483, 0.2997, 0.3108



60.1483, 0.3339, 0.3393



60.1483, 0.3257, 0.3477

Sweetspot

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



60.1508, 0.2920, 0.3182



96.1152, 0.3065, 0.3259



63.6554, 0.3053, 0.3535



20.4194, 0.3054, 0.3253



0.0000, 0.0000, 0.0000



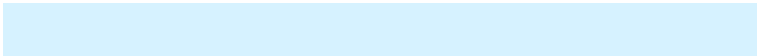
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1508, 0.2920, 0.3182



85.2585, 0.2878, 0.3159



53.5585, 0.2915, 0.3008



13.4279, 0.2982, 0.3216



15.8619, 0.1959, 0.2252



1.1009, 0.2015, 0.2452

Inverse Universe

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



54.6320, 0.3212, 0.3060



75.8862, 0.3232, 0.3012



64.3870, 0.3336, 0.3557



12.5641, 0.3185, 0.3130



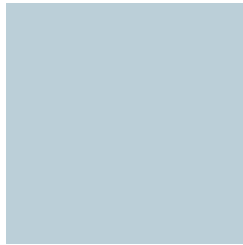
9.9461, 0.4177, 0.2075



0.6145, 0.3970, 0.1961

Previews

White Background



This preview shows how the Yxy color 60.1483, 0.2920, 0.3182 looks on a white background.

Color Contrast Check

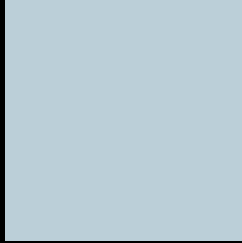
Large Text (above 18pt) WCAG AA × Fail

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 60.1483, 0.2920, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

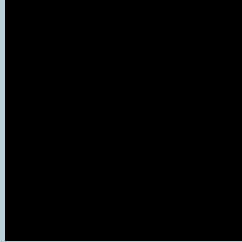
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

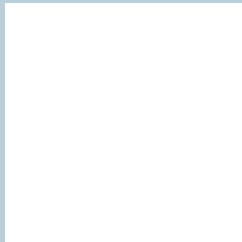
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1483, 0.2920, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 60.1483, 0.2920, 0.3182.



This preview shows how white text looks on a background with the Yxy color 60.1483, 0.2920, 0.3182.

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

60.1483, 0.2920, 0.3182

Protanopia

59.8825, 0.3065, 0.3162

Deuteranopia

60.0491, 0.3122, 0.3065



Tritanopia

60.1079, 0.2888, 0.3101

Trichromacy



Original Color

60.1483, 0.2920, 0.3182

Protanomaly

60.0465, 0.3013, 0.3173

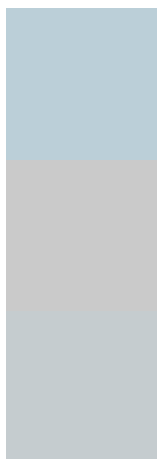
Deuteranomaly

59.7622, 0.3044, 0.3105

Tritanomaly

60.0013, 0.2901, 0.3124

Monochromacy



Original Color

60.1483, 0.2920, 0.3182

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5610, 0.3053, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1483, 0.2920, 0.3182 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(187, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 216)  
}
```

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(187, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.1483, 0.2920, 0.3182 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(187, 207, 216) }
```

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

```
.border{ border-color:rgb(187, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1483, 0.2920, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 216) }
```

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

```
.background{ background-color: rgb(187,  
207, 216) }
```

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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