

Converting Colors

$Y_{xy}(60.4550, 0.2929, 0.3156)$

Have a look what the booklet for
Yxy(60.4550, 0.2929, 0.3156)
contains.

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Color

Yxy(60.6348, 0.2929, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	BECFDA
RGB	190, 207, 218
RGB Percent	75%, 81%, 85%
CMY	0.2548, 0.1882, 0.1452
CMYK	0.13, 0.05, 0.00, 0.15
HSL	204°, 27%, 80%
HSV	204°, 13%, 85%
XYZ	56.2023, 60.6348, 75.0452
YIQ	203.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

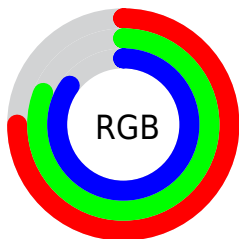
Format	Color
R _Y B	190, 201, 218
Decimal	12505050
CIE Lab	82.18, -3.53, -7.39
CIE LCh	82, 8.185, 244.469
Yxy	60.6348, 0.2929, 0.3160
Android (android.graphics.Color)	4290695130 (0xFFBECFDA)
YUV	203.1710, 7.3107, -11.5510
Hunter-Lab	77.8684, -7.4353, -2.6325

Details

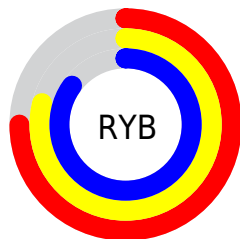
The Yxy color **60.6348, 0.2929, 0.3160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3821, 0.3343, 0.3417**, and the grayscale version is **59.7957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **30.6610, 0.2876, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **54.0061, 0.2772, 0.3046**, and if you desaturate by 10%, it is **67.9126, 0.3084, 0.3263**.

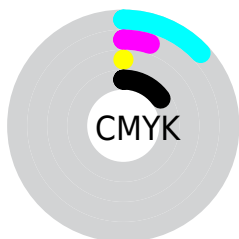
Distribution



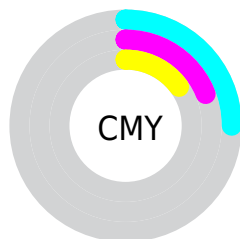
- Red (75%)
- Green (81%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6348, 0.2929, 0.3160 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 60.6348, 0.2929, 0.3160 by changing the saturation by 10% instead.

■ 60.6348, 0.2929,
0.3160

■ 60.6348, 0.2929,
0.3160

426.9337, 0.3023,
0.3223

■ 43.9305, 0.2907,
0.3145

■ 105.7500, 0.2962,
0.3182

■ 30.6159, 0.2879,
0.3126

134.9296, 0.2975,
0.3191

■ 20.3065, 0.2843,
0.3102

169.0366, 0.2986,
0.3198

■ 12.6181, 0.2796,
0.3069

208.4551, 0.2995,
0.3204

■ 7.1661, 0.2729,
0.3022

253.5697, 0.3004,
0.3210

■ 3.5662, 0.2628,
0.2951

304.7648, 0.3011,

■ 1.4340, 0.2461,

0.3215

0.2829

362.4246, 0.3017,
0.3219

0.2416, 0.1232,
0.2075

0.0000, 0.0000,
0.0000

60.6348, 0.2929,
0.3160

60.6348, 0.2929,
0.3160

54.0061, 0.2772,
0.3046

67.9126, 0.3084,
0.3263

47.9968, 0.2616,
0.2922

75.8527, 0.3235,
0.3355

42.5858, 0.2464,
0.2787

84.3998, 0.3377,
0.3437

37.7479, 0.2321,
0.2645

89.3482, 0.3365,
0.3520

■ 33.4554, 0.2191,
0.2496

■ 94.5342, 0.3353,
0.3602

■ 29.6777, 0.2078,
0.2344

■ 97.8400, 0.3346,
0.3651

■ 26.3800, 0.1984,
0.2191

■ 23.5211, 0.1912,
0.2041

■ 21.6923, 0.1871,
0.1936

Harmonies

Analogous

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



60.6348, 0.2935, 0.3240



60.6348, 0.2929, 0.3160



60.6348, 0.2976, 0.3116

Triad

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



60.6348, 0.2929, 0.3160



60.6348, 0.3265, 0.3244



60.6348, 0.3189, 0.3468

Complementary

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



60.6348, 0.2929, 0.3160



60.3821, 0.3343, 0.3417

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.



60.6348, 0.3280, 0.3466



60.6348, 0.2929, 0.3160



60.6348, 0.3324, 0.3335

Square

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



60.6348, 0.2929, 0.3160



60.6348, 0.3169, 0.3165



60.6348, 0.3329, 0.3417



60.6348, 0.3084, 0.3420

Rectangle

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



60.6348, 0.2929, 0.3160



60.6348, 0.3030, 0.3113



60.6348, 0.3329, 0.3417



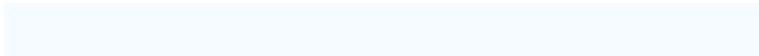
60.6348, 0.3223, 0.3473

Sweetspot

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



60.6373, 0.2929, 0.3160



95.5906, 0.3065, 0.3251



65.2780, 0.3042, 0.3495



20.2865, 0.3054, 0.3243



0.0000, 0.0000, 0.0000



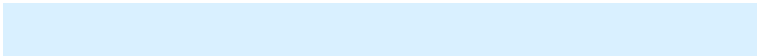
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6373, 0.2929, 0.3160



84.2525, 0.2893, 0.3135



54.2737, 0.2925, 0.2994



13.9276, 0.2982, 0.3196



13.2158, 0.1877, 0.1958



1.0221, 0.1944, 0.2198

Inverse Universe

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



56.2406, 0.3225, 0.3097



77.0481, 0.3246, 0.3060



67.0683, 0.3323, 0.3570



13.1838, 0.3197, 0.3149



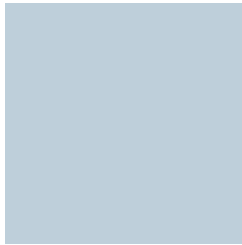
9.9579, 0.4501, 0.2253



0.6619, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 60.6348, 0.2929, 0.3160 looks on a white background.

Color Contrast Check

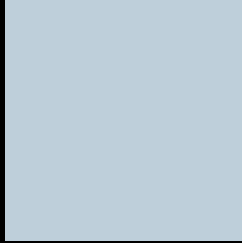
Large Text (above 18pt) WCAG AA × Fail

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 60.6348, 0.2929, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

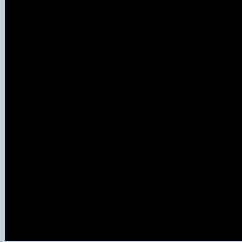
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

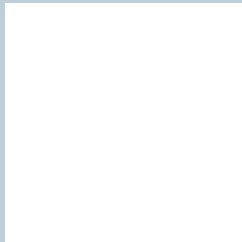
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6348, 0.2929, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 60.6348, 0.2929, 0.3160.

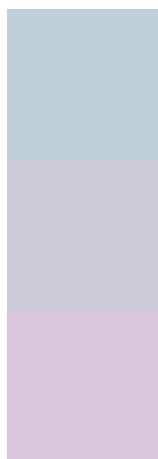


This preview shows how white text looks on a background with the Yxy color 60.6348, 0.2929, 0.3160.

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

60.6348, 0.2929, 0.3160

Protanopia

60.4555, 0.3050, 0.3151

Deuteranopia

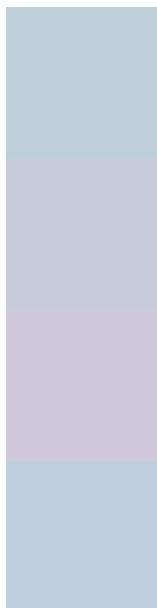
60.3072, 0.3115, 0.3044



Tritanopia

60.5467, 0.2903, 0.3090

Trichromacy



Original Color

60.6348, 0.2929, 0.3160

Protanomaly

60.2857, 0.3006, 0.3150

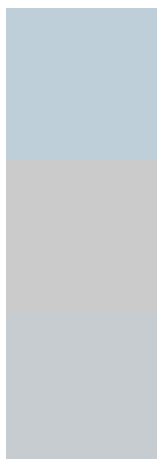
Deuteranomaly

60.1532, 0.3046, 0.3084

Tritanomaly

60.4394, 0.2916, 0.3113

Monochromacy



Original Color

60.6348, 0.2929, 0.3160

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7456, 0.3054, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6348, 0.2929, 0.3160 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(190, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 218)  
}
```

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(190, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 218) }
```

Border

The CSS property to change the border of an element to Yxy 60.6348, 0.2929, 0.3160 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(190, 207, 218) }
```

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

```
.border{ border-color:rgb(190, 207, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6348, 0.2929, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 218) }
```

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

```
.background{ background-color: rgb(190,  
207, 218) }
```

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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