

Converting Colors

Yxy(54.7584, 0.2928, 0.3190)

Have a look what the booklet for
Yxy(54.7584, 0.2928, 0.3190)
contains.

Yxy(54.5965, 0.2927, 0.3178)	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(54.5965, 0.2927, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	B4C6CF
RGB	180, 198, 207
RGB Percent	71%, 78%, 81%
CMY	0.2940, 0.2235, 0.1883
CMYK	0.13, 0.04, 0.00, 0.19
HSL	200°, 22%, 76%
HSV	200°, 13%, 81%
XYZ	50.2844, 54.5965, 66.9142
YIQ	193.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

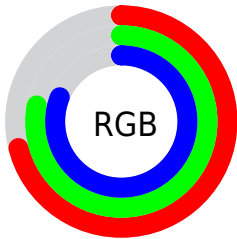
Format	Color
RYB	180, 191, 207
Decimal	11847375
CIELab	78.81, -4.27, -6.58
CIELCh	79, 7.839, 237.036
Yxy	54.5965, 0.2927, 0.3178
Android (android.graphics.Color)	4290037455 (0xFFB4C6CF)
YUV	193.6440, 6.5845, -11.9658
Hunter-Lab	73.8894, -7.8308, -1.9704

Details

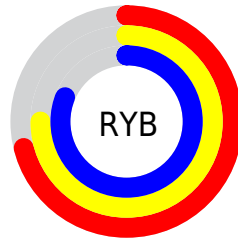
The Yxy color **54.5965, 0.2927, 0.3178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9718, 0.3348, 0.3399**, and the grayscale version is **53.6982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **26.7585, 0.2871, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **49.2096, 0.2773, 0.3082**, and if you desaturate by 10%, it is **60.5031, 0.3081, 0.3265**.

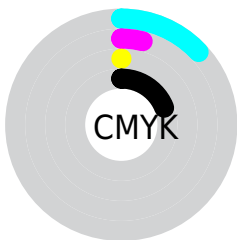
Distribution



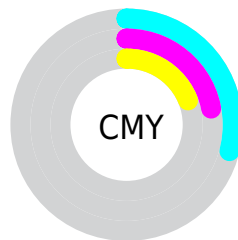
- Red (71%)
- Green (78%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5965, 0.2927, 0.3178 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 54.5965, 0.2927, 0.3178 by changing the saturation by 10% instead.

■ 54.5965, 0.2927,
0.3178

■ 54.5965, 0.2927,
0.3178

404.3806, 0.3024,
0.3233

■ 39.0788, 0.2904,
0.3165

■ 96.9495, 0.2962,
0.3198

■ 26.8210, 0.2874,
0.3147

124.5536, 0.2975,
0.3205

■ 17.4388, 0.2836,
0.3125

156.9552, 0.2986,
0.3212

■ 10.5479, 0.2784,
0.3094

194.5388, 0.2996,
0.3217

■ 5.7637, 0.2710,
0.3049

237.6887, 0.3004,
0.3222

■ 2.7019, 0.2595,
0.2977

286.7894, 0.3011,

■ 0.9782, 0.2394,

0.3226

0.2846

342.2252, 0.3018,
0.3230

0.0000, 0.0000,
0.0000

54.5965, 0.2927,
0.3178

54.5965, 0.2927,
0.3178

49.2096, 0.2773,
0.3082

60.5031, 0.3081,
0.3265

44.3173, 0.2622,
0.2977

66.9397, 0.3233,
0.3344

39.9022, 0.2476,
0.2864

73.9250, 0.3380,
0.3414

35.9434, 0.2341,
0.2745

79.9580, 0.3463,
0.3479

32.4176, 0.2220,
0.2620

83.7837, 0.3451,
0.3547

■ 29.2994, 0.2115,
0.2493

■ 87.7625, 0.3439,
0.3614

■ 26.5595, 0.2031,
0.2365

■ 91.8960, 0.3427,
0.3680

■ 24.1630, 0.1966,
0.2238

■ 96.1860, 0.3415,
0.3745

■ 22.6530, 0.1931,
0.2151

■ 97.2847, 0.3412,
0.3761

Harmonies

Analogous

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



54.5965, 0.2946, 0.3264



54.5965, 0.2927, 0.3178



54.5965, 0.2961, 0.3124

Triad

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



54.5965, 0.2927, 0.3178



54.5965, 0.3242, 0.3223



54.5965, 0.3214, 0.3471

Complementary

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



54.5965, 0.2927, 0.3178



52.9718, 0.3348, 0.3399

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.



54.5965, 0.3295, 0.3457



54.5965, 0.2927, 0.3178



54.5965, 0.3312, 0.3312

Square

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



54.5965, 0.2927, 0.3178



54.5965, 0.3142, 0.3151



54.5965, 0.3332, 0.3398



54.5965, 0.3110, 0.3435

Rectangle

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



54.5965, 0.2927, 0.3178



54.5965, 0.3009, 0.3113



54.5965, 0.3332, 0.3398



54.5965, 0.3245, 0.3472

Sweetspot

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



54.5988, 0.2927, 0.3178



95.9634, 0.3065, 0.3257



58.0054, 0.3050, 0.3515



20.3810, 0.3054, 0.3250



0.0000, 0.0000, 0.0000



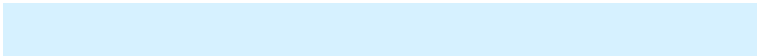
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5988, 0.2927, 0.3178



84.6828, 0.2878, 0.3148



48.7144, 0.2923, 0.3007



12.7145, 0.2983, 0.3211



14.4537, 0.1936, 0.2168



0.9509, 0.2000, 0.2398

Inverse Universe

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



49.9993, 0.3214, 0.3076



75.8281, 0.3238, 0.3021



59.0377, 0.3327, 0.3558



11.9392, 0.3188, 0.3136



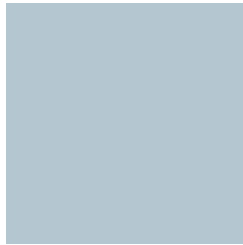
9.5304, 0.4267, 0.2124



0.5473, 0.4025, 0.1991

Previews

White Background



This preview shows how the Yxy color 54.5965, 0.2927, 0.3178 looks on a white background.

Color Contrast Check

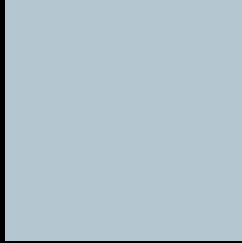
Large Text (above 18pt) WCAG AA × Fail

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 54.5965, 0.2927, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

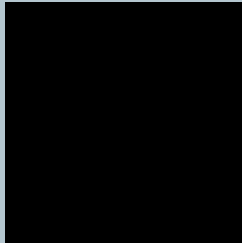
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

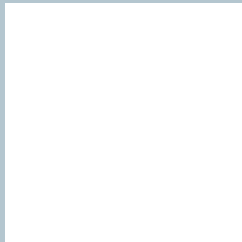
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5965, 0.2927, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 54.5965, 0.2927, 0.3178.



This preview shows how white text looks on a background with the Yxy color 54.5965, 0.2927, 0.3178.

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

54.5965, 0.2927, 0.3178

Protanopia

54.5453, 0.3062, 0.3169

Deuteranopia

54.2640, 0.3122, 0.3056



Tritanopia

54.5604, 0.2893, 0.3093

Trichromacy



Original Color

54.5965, 0.2927, 0.3178

Protanomaly

54.3851, 0.3015, 0.3168

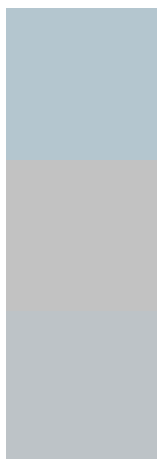
Deuteranomaly

54.1237, 0.3049, 0.3098

Tritanomaly

54.4594, 0.2907, 0.3117

Monochromacy



Original Color

54.5965, 0.2927, 0.3178

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9726, 0.3051, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5965, 0.2927, 0.3178 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(180, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 207)  
}
```

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(180, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.5965, 0.2927, 0.3178 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(180, 198, 207) }
```

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

```
.border{ border-color:rgb(180, 198, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5965, 0.2927, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 207) }
```

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

```
.background{ background-color: rgb(180,  
198, 207) }
```

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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