

Converting Colors

$Y_{xy}(54.6256, 0.2954, 0.3212)$

Have a look what the booklet for
Yxy(54.6256, 0.2954, 0.3212)
contains.

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Color

Yxy(54.5716, 0.2955, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	B5C6CC
RGB	181, 198, 204
RGB Percent	71%, 78%, 80%
CMY	0.2900, 0.2236, 0.2000
CMYK	0.11, 0.03, 0.00, 0.20
HSL	196°, 18%, 76%
HSV	196°, 11%, 80%
XYZ	50.1583, 54.5716, 65.0106
YIQ	193.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

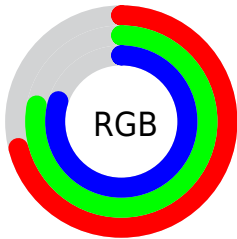
Format	Color
R _Y B	181, 191, 204
Decimal	11912908
CIE Lab	78.79, -4.54, -4.97
CIE LCh	79, 6.735, 227.602
Yxy	54.5716, 0.2955, 0.3215
Android (android.graphics.Color)	4290102988 (0xFFB5C6CC)
YUV	193.6010, 5.1267, -11.0511
Hunter-Lab	73.8726, -8.0783, -0.4666

Details

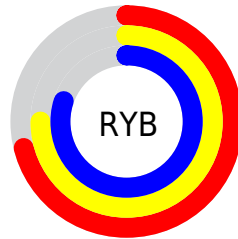
The Yxy color **54.5716, 0.2955, 0.3215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7414, 0.3318, 0.3364**, and the grayscale version is **53.6814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **26.7377, 0.2908, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **49.8871, 0.2803, 0.3141**, and if you desaturate by 10%, it is **59.7078, 0.3108, 0.3282**.

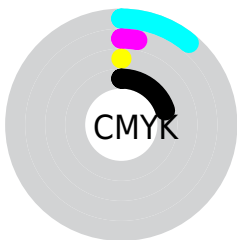
Distribution



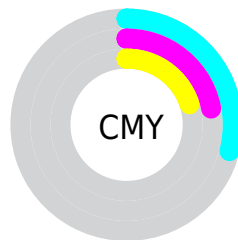
- Red (71%)
- Green (78%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5716, 0.2955, 0.3215 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 54.5716, 0.2955, 0.3215 by changing the saturation by 10% instead.

■ 54.5716, 0.2955,
0.3215

■ 54.5716, 0.2955,
0.3215

404.2860, 0.3038,
0.3252

■ 39.0588, 0.2935,
0.3206

■ 96.9130, 0.2985,
0.3228

■ 26.8055, 0.2910,
0.3194

124.5104, 0.2996,
0.3233

■ 17.4272, 0.2876,
0.3179

156.9049, 0.3006,
0.3238

■ 10.5395, 0.2832,
0.3158

194.4807, 0.3014,
0.3241

■ 5.7581, 0.2767,
0.3127

237.6223, 0.3021,
0.3245

■ 2.6986, 0.2667,
0.3077

286.7142, 0.3028,

■ 0.9765, 0.2491,

0.3247

0.2986

342.1406, 0.3033,
0.3250

0.0000, 0.0000,
0.0000

54.5716, 0.2955,
0.3215

54.5716, 0.2955,
0.3215

49.8871, 0.2803,
0.3141

59.7078, 0.3108,
0.3282

45.6309, 0.2656,
0.3061

65.3044, 0.3260,
0.3343

41.7877, 0.2517,
0.2975

71.3784, 0.3410,
0.3396

38.3385, 0.2388,
0.2884

76.4626, 0.3497,
0.3447

35.2623, 0.2274,
0.2789

79.2989, 0.3486,
0.3500

■ 32.5360, 0.2177,
0.2692

■ 82.2254, 0.3476,
0.3553

■ 30.1332, 0.2099,
0.2594

■ 85.2430, 0.3466,
0.3605

■ 28.0227, 0.2041,
0.2496

■ 88.3524, 0.3456,
0.3656

■ 26.3655, 0.2003,
0.2412

■ 91.5543, 0.3446,
0.3707

Harmonies

Analogous

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



54.5716, 0.2985, 0.3293



54.5716, 0.2955, 0.3215



54.5716, 0.2970, 0.3158

Triad

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



54.5716, 0.2955, 0.3215



54.5716, 0.3201, 0.3210



54.5716, 0.3227, 0.3446

Complementary

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



54.5716, 0.2955, 0.3215



51.7414, 0.3318, 0.3364

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.



54.5716, 0.3286, 0.3421



54.5716, 0.2955, 0.3215



54.5716, 0.3271, 0.3284

Square

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



54.5716, 0.2955, 0.3215



54.5716, 0.3111, 0.3157



54.5716, 0.3303, 0.3361



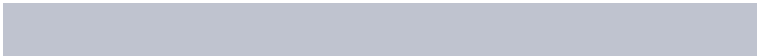
54.5716, 0.3141, 0.3428

Rectangle

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



54.5716, 0.2955, 0.3215



54.5716, 0.3004, 0.3140



54.5716, 0.3303, 0.3361



54.5716, 0.3250, 0.3442

Sweetspot

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



54.5739, 0.2955, 0.3215



97.3071, 0.3081, 0.3271



56.5918, 0.3074, 0.3506



20.6762, 0.3068, 0.3265



0.0000, 0.0000, 0.0000



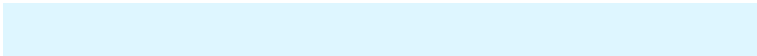
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5739, 0.2955, 0.3215



88.8349, 0.2926, 0.3201



49.6428, 0.2953, 0.3073



12.2108, 0.2983, 0.3228



16.7544, 0.2007, 0.2425



0.9835, 0.2060, 0.2614

Inverse Universe

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



49.9848, 0.3188, 0.3086



80.0967, 0.3199, 0.3050



56.6815, 0.3301, 0.3498



11.3517, 0.3177, 0.3120



9.4944, 0.3997, 0.1976



0.5018, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 54.5716, 0.2955, 0.3215 looks on a white background.

Color Contrast Check

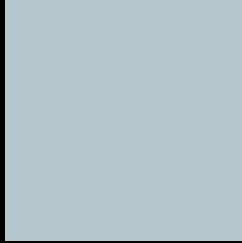
Large Text (above 18pt) WCAG AA × Fail

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 54.5716, 0.2955, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

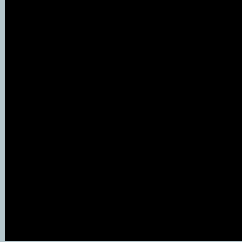
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

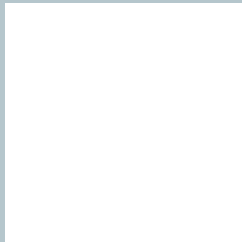
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5716, 0.2955, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 54.5716, 0.2955, 0.3215.



This preview shows how white text looks on a background with the Yxy color 54.5716, 0.2955, 0.3215.

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

54.5716, 0.2955, 0.3215

Protanopia

54.5364, 0.3091, 0.3205

Deuteranopia

54.4067, 0.3161, 0.3091



Tritanopia

54.7533, 0.2915, 0.3106

Trichromacy



Original Color

54.5716, 0.2955, 0.3215

Protanomaly

54.3708, 0.3045, 0.3204

Deuteranomaly

54.2492, 0.3086, 0.3134

Tritanomaly

54.4810, 0.2928, 0.3142

Monochromacy



Original Color

54.5716, 0.2955, 0.3215

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9262, 0.3058, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5716, 0.2955, 0.3215 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(181, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 204)  
}
```

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(181, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.5716, 0.2955, 0.3215 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(181, 198, 204) }
```

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

```
.border{ border-color:rgb(181, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5716, 0.2955, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 204) }
```

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

```
.background{ background-color: rgb(181,  
198, 204) }
```

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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