

Converting Colors

Yxy(54.4420, 0.2935, 0.3217)

Have a look what the booklet for
Yxy(54.4420, 0.2935, 0.3217)
contains.

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Color

Yxy(54.3315, 0.2940, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6CC
RGB	179, 198, 204
RGB Percent	70%, 78%, 80%
CMY	0.2980, 0.2235, 0.2001
CMYK	0.12, 0.03, 0.00, 0.20
HSL	194°, 20%, 75%
HSV	194°, 12%, 80%
XYZ	49.6842, 54.3315, 64.9781
YIQ	193.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

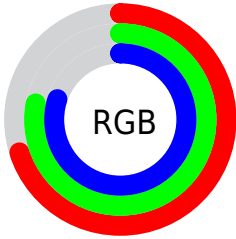
Format	Color
R _Y B	179, 190, 204
Decimal	11781836
CIE Lab	78.65, -5.22, -5.19
CIE LCh	79, 7.357, 224.819
Yxy	54.3315, 0.2940, 0.3215
Android (android.graphics.Color)	4289971916 (0xFFB3C6CC)
YUV	193.0030, 5.4215, -12.2806
Hunter-Lab	73.7099, -8.6744, -0.6695

Details

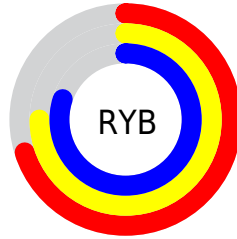
The Yxy color **54.3315, 0.2940, 0.3215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7840, 0.3337, 0.3364**, and the grayscale version is **53.3058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **26.5841, 0.2888, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **49.8842, 0.2790, 0.3147**, and if you desaturate by 10%, it is **59.2148, 0.3093, 0.3277**.

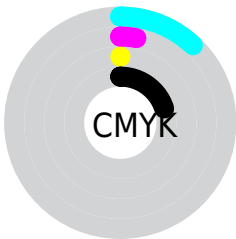
Distribution



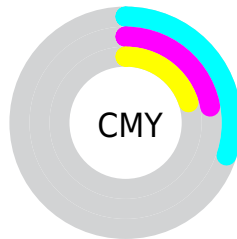
- Red (70%)
- Green (78%)
- Blue (80%)



- Red (70%)
- Yellow (75%)
- Blue (80%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3315, 0.2940, 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 54.3315, 0.2940, 0.3215 by changing the saturation by 10% instead.

■ 54.3315, 0.2940,
0.3215

■ 54.3315, 0.2940,
0.3215

403.3729, 0.3031,
0.3252

■ 38.8668, 0.2918,
0.3206

■ 96.5608, 0.2972,
0.3228

■ 26.6561, 0.2891,
0.3194

124.0942, 0.2985,
0.3234

■ 17.3151, 0.2855,
0.3179

156.4192, 0.2995,
0.3238

■ 10.4594, 0.2806,
0.3157

193.9202, 0.3004,
0.3242

■ 5.7046, 0.2736,
0.3126

236.9817, 0.3012,
0.3245

■ 2.6663, 0.2627,
0.3075

285.9881, 0.3019,

■ 0.9601, 0.2433,

0.3248

0.2982

341.3237, 0.3025,
0.3250

0.0000, 0.0000,
0.0000

54.3315, 0.2940,
0.3215

54.3315, 0.2940,
0.3215

49.8842, 0.2790,
0.3147

59.2148, 0.3093,
0.3277

45.8497, 0.2644,
0.3073

64.5427, 0.3246,
0.3333

42.2127, 0.2508,
0.2995

70.3320, 0.3396,
0.3383

38.9541, 0.2383,
0.2912

75.5170, 0.3500,
0.3429

36.0533, 0.2274,
0.2825

78.0790, 0.3491,
0.3478

■ 33.4869, 0.2182,
0.2737

■ 80.7162, 0.3481,
0.3526

■ 31.2284, 0.2109,
0.2648

■ 83.4291, 0.3472,
0.3574

■ 29.2462, 0.2056,
0.2560

■ 86.2184, 0.3463,
0.3622

■ 27.8540, 0.2026,
0.2492

■ 89.0847, 0.3454,
0.3668

Harmonies

Analogous

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



54.3315, 0.2977, 0.3302



54.3315, 0.2940, 0.3215



54.3315, 0.2952, 0.3150

Triad

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



54.3315, 0.2940, 0.3215



54.3315, 0.3199, 0.3196



54.3315, 0.3244, 0.3460

Complementary

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



54.3315, 0.2940, 0.3215



50.7840, 0.3337, 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.



54.3315, 0.3305, 0.3428



54.3315, 0.2940, 0.3215



54.3315, 0.3279, 0.3276

Square

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



54.3315, 0.2940, 0.3215



54.3315, 0.3101, 0.3141



54.3315, 0.3318, 0.3361



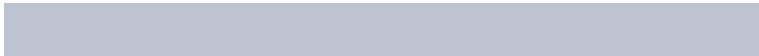
54.3315, 0.3152, 0.3445

Rectangle

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



54.3315, 0.2940, 0.3215



54.3315, 0.2986, 0.3128



54.3315, 0.3318, 0.3361



54.3315, 0.3269, 0.3455

Sweetspot

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



54.3338, 0.2940, 0.3215



96.5689, 0.3065, 0.3266



56.2558, 0.3072, 0.3532



20.5345, 0.3053, 0.3262



0.0000, 0.0000, 0.0000



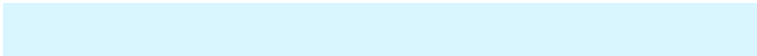
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3338, 0.2940, 0.3215



87.7513, 0.2895, 0.3196



48.9255, 0.2937, 0.3058



12.2543, 0.2983, 0.3233



17.6868, 0.2029, 0.2504



1.0250, 0.2077, 0.2675

Inverse Universe

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



49.1595, 0.3189, 0.3061



77.4013, 0.3206, 0.3004



56.1672, 0.3318, 0.3512



11.3560, 0.3174, 0.3115



9.5885, 0.3918, 0.1932



0.5060, 0.3752, 0.1840

Previews

White Background



This preview shows how the Yxy color 54.3315, 0.2940, 0.3215 looks on a white background.

Color Contrast Check

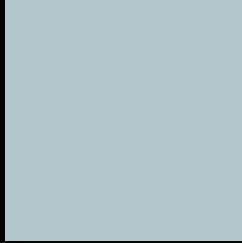
Large Text (above 18pt) WCAG AA × Fail

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 54.3315, 0.2940, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

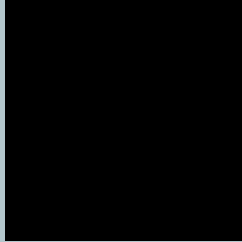
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

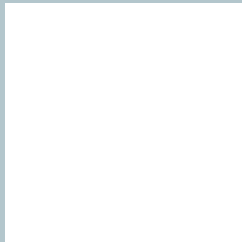
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3315, 0.2940, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 54.3315, 0.2940, 0.3215.

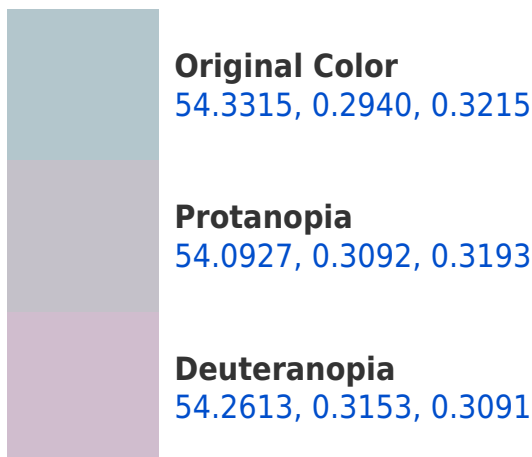


This preview shows how white text looks on a background with the Yxy color 54.3315, 0.2940, 0.3215.

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





Tritanopia

54.5097, 0.2900, 0.3105

Trichromacy



Original Color

54.3315, 0.2940, 0.3215

Protanomaly

54.2416, 0.3037, 0.3204

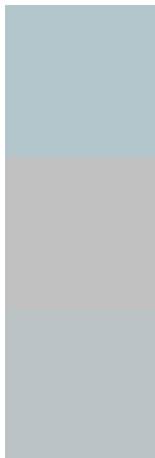
Deuteranomaly

53.9774, 0.3071, 0.3133

Tritanomaly

54.2393, 0.2913, 0.3141

Monochromacy



Original Color

54.3315, 0.2940, 0.3215

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7528, 0.3057, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3315, 0.2940, 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(179, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.3315, 0.2940, 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(179, 198, 204) }
```

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

```
.border{ border-color:rgb(179, 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(179, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3315, 0.2940, 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(179, 198, 204) }
```

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

```
.background{ background-color: rgb(179,  
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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