

Converting Colors

Yxy(54.9569, 0.2890, 0.3184)

Have a look what the booklet for
Yxy(54.9569, 0.2890, 0.3184)
contains.

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Color

Yxy(55.0927, 0.2892, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	B0C8D0
RGB	176, 200, 208
RGB Percent	69%, 78%, 82%
CMY	0.3097, 0.2157, 0.1844
CMYK	0.15, 0.04, 0.00, 0.18
HSL	195°, 25%, 75%
HSV	195°, 15%, 82%
XYZ	49.9461, 55.0927, 67.6656
YIQ	193.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

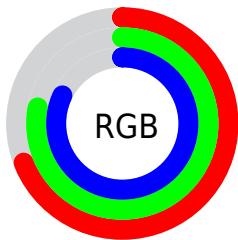
Format	Color
RYB	176, 190, 208
Decimal	11585744
CIELab	79.09, -6.41, -6.72
CIElCh	79, 9.284, 226.347
Yxy	55.0927, 0.2892, 0.3190
Android (android.graphics.Color)	4289775824 (0xFFB0C8D0)
YUV	193.7360, 7.0322, -15.5545
Hunter-Lab	74.2245, -9.7790, -2.0937

Details

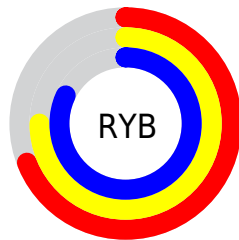
The Yxy color **55.0927, 0.2892, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8282, 0.3399, 0.3388**, and the grayscale version is **53.7527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **27.1018, 0.2826, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **50.4868, 0.2742, 0.3117**, and if you desaturate by 10%, it is **60.1565, 0.3045, 0.3257**.

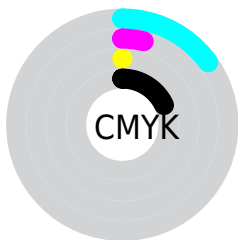
Distribution



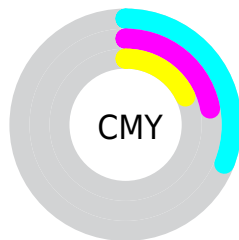
- Red (69%)
- Green (78%)
- Blue (82%)



- Red (69%)
- Yellow (75%)
- Blue (82%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0927, 0.2892, 0.3190 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 55.0927, 0.2892, 0.3190 by changing the saturation by 10% instead.

■ 55.0927, 0.2892,
0.3190

■ 55.0927, 0.2892,
0.3190

406.2632, 0.3006,
0.3240

■ 39.4759, 0.2865,
0.3178

■ 97.6768, 0.2932,
0.3208

■ 27.1302, 0.2831,
0.3162

125.4129, 0.2948,
0.3215

■ 17.6710, 0.2786,
0.3142

157.9575, 0.2961,
0.3220

■ 10.7141, 0.2726,
0.3113

195.6952, 0.2972,
0.3225

■ 5.8749, 0.2640,
0.3072

239.0101, 0.2982,
0.3230

■ 2.7692, 0.2508,
0.3005

288.2869, 0.2991,

■ 1.0124, 0.2279,

0.3233

0.2882

343.9098, 0.2999,
0.3237

0.0000, 0.0000,
0.0000

55.0927, 0.2892,
0.3190

55.0927, 0.2892,
0.3190

50.4868, 0.2742,
0.3117

60.1565, 0.3045,
0.3257

46.3141, 0.2598,
0.3038

65.6878, 0.3198,
0.3317

42.5582, 0.2464,
0.2954

71.7046, 0.3349,
0.3371

39.1983, 0.2343,
0.2866

77.4128, 0.3465,
0.3421

36.2118, 0.2237,
0.2774

80.1959, 0.3456,
0.3472

■ 33.5734, 0.2150,
0.2681

■ 83.0646, 0.3447,
0.3524

■ 31.2535, 0.2082,
0.2588

■ 86.0197, 0.3438,
0.3574

■ 29.2164, 0.2033,
0.2496

■ 89.0619, 0.3429,
0.3624

■ 28.3380, 0.2015,
0.2453

■ 92.1919, 0.3420,
0.3674

Harmonies

Analogous

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



55.0927, 0.2935, 0.3299



55.0927, 0.2892, 0.3190



55.0927, 0.2910, 0.3111

Triad

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



55.0927, 0.2892, 0.3190



55.0927, 0.3223, 0.3177



55.0927, 0.3268, 0.3505

Complementary

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



55.0927, 0.2892, 0.3190



50.8282, 0.3399, 0.3388

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.



55.0927, 0.3348, 0.3467



55.0927, 0.2892, 0.3190



55.0927, 0.3322, 0.3277

Square

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



55.0927, 0.2892, 0.3190



55.0927, 0.3100, 0.3106



55.0927, 0.3368, 0.3383



55.0927, 0.3151, 0.3484

Rectangle

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



55.0927, 0.2892, 0.3190



55.0927, 0.2955, 0.3086



55.0927, 0.3368, 0.3383



55.0927, 0.3300, 0.3498

Sweetspot

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



55.0950, 0.2892, 0.3190



95.6459, 0.3050, 0.3259



57.7765, 0.3057, 0.3601



20.3445, 0.3039, 0.3254



0.0000, 0.0000, 0.0000



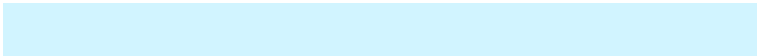
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0950, 0.2892, 0.3190



85.2103, 0.2849, 0.3170



48.2951, 0.2884, 0.2993



12.8860, 0.2983, 0.3231



17.8248, 0.2018, 0.2466



1.1183, 0.2065, 0.2635

Inverse Universe

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



48.6382, 0.3210, 0.3004



73.4133, 0.3227, 0.2950



57.6032, 0.3371, 0.3571



11.9565, 0.3175, 0.3117



9.8707, 0.3956, 0.1953



0.5642, 0.3790, 0.1862

Previews

White Background



This preview shows how the Yxy color 55.0927, 0.2892, 0.3190 looks on a white background.

Color Contrast Check

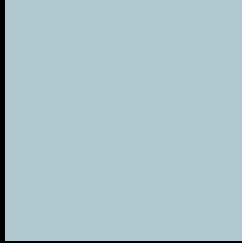
Large Text (above 18pt) WCAG AA × Fail

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 55.0927, 0.2892, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

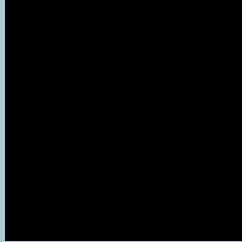
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

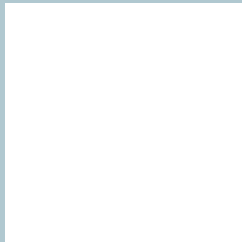
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0927, 0.2892, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 55.0927, 0.2892, 0.3190.



This preview shows how white text looks on a background with the Yxy color 55.0927, 0.2892, 0.3190.

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

55.0927, 0.2892, 0.3190

Protanopia

54.7271, 0.3062, 0.3157

Deuteranopia

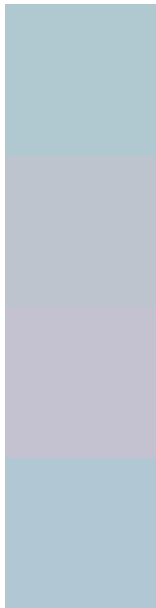
54.8900, 0.3122, 0.3057



Tritanopia

55.1003, 0.2852, 0.3093

Trichromacy



Original Color

55.0927, 0.2892, 0.3190

Protanomaly

54.7549, 0.3001, 0.3168

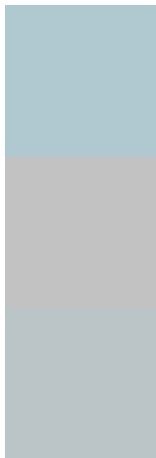
Deuteranomaly

54.9228, 0.3033, 0.3110

Tritanomaly

54.9474, 0.2872, 0.3129

Monochromacy



Original Color

55.0927, 0.2892, 0.3190

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1682, 0.3035, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0927, 0.2892, 0.3190 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(176, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(176, 200, 208)  
}
```

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(176, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 200, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.0927, 0.2892, 0.3190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

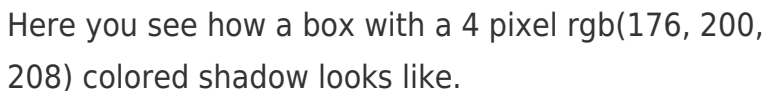
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 200, 208) }
```

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

```
.border{ border-color:rgb(176, 200, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 200, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 200, 208); box-shadow:4px 4px 4px 4px rgb(176, 200, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0927, 0.2892, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 200, 208) }
```

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

```
.background{ background-color: rgb(176,  
200, 208) }
```

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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