

Converting Colors

$Yxy(55.0626, 0.2888, 0.3155)$

Have a look what the booklet for
Yxy(55.0626, 0.2888, 0.3155)
contains.

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Color

Yxy(54.9650, 0.2892, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	B2C7D2
RGB	178, 199, 210
RGB Percent	70%, 78%, 82%
CMY	0.3021, 0.2196, 0.1763
CMYK	0.15, 0.05, 0.00, 0.18
HSL	201°, 26%, 76%
HSV	201°, 15%, 82%
XYZ	50.4151, 54.9650, 68.9459
YIQ	193.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

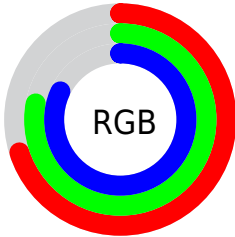
Format	Color
RYB	178, 191, 210
Decimal	11716562
CIELab	79.02, -4.83, -7.91
CIELCh	79, 9.273, 238.589
Yxy	54.9650, 0.2892, 0.3153
Android (android.graphics.Color)	4289906642 (0xFFB2C7D2)
YUV	193.9750, 7.9003, -14.0101
Hunter-Lab	74.1384, -8.3598, -3.2406

Details

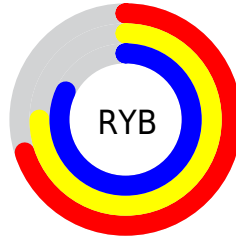
The Yxy color **54.9650, 0.2892, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3157, 0.3391, 0.3423**, and the grayscale version is **53.8925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.0111, 0.2827, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **49.4246, 0.2738, 0.3052**, and if you desaturate by 10%, it is **61.0482, 0.3047, 0.3245**.

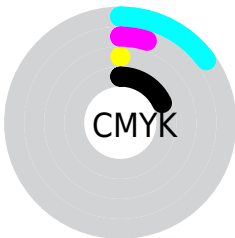
Distribution



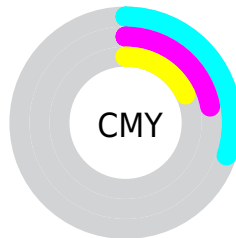
- Red (70%)
- Green (78%)
- Blue (82%)



- Red (70%)
- Yellow (75%)
- Blue (82%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9650, 0.2892, 0.3153 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 54.9650, 0.2892, 0.3153 by changing the saturation by 10% instead.

■ 54.9650, 0.2892,
0.3153

■ 54.9650, 0.2892,
0.3153

405.7792, 0.3006,
0.3220

■ 39.3737, 0.2865,
0.3137

■ 97.4897, 0.2932,
0.3177

■ 27.0506, 0.2830,
0.3116

125.1918, 0.2948,
0.3186

■ 17.6112, 0.2786,
0.3088

157.6997, 0.2961,
0.3194

■ 10.6712, 0.2726,
0.3050

195.3978, 0.2972,
0.3201

■ 5.8462, 0.2640,
0.2996

238.6704, 0.2982,
0.3207

■ 2.7518, 0.2508,
0.2909

287.9019, 0.2991,

■ 1.0036, 0.2280,

0.3212

0.2753

343.4767, 0.2999,
0.3216

0.0000, 0.0000,
0.0000

54.9650, 0.2892,
0.3153

54.9650, 0.2892,
0.3153

49.4246, 0.2738,
0.3052

61.0482, 0.3047,
0.3245

44.4006, 0.2586,
0.2941

67.6855, 0.3199,
0.3328

39.8746, 0.2442,
0.2823

74.8966, 0.3347,
0.3402

35.8242, 0.2308,
0.2698

81.3481, 0.3438,
0.3471

32.2246, 0.2189,
0.2569

85.4040, 0.3426,
0.3542

■ 29.0484, 0.2087,
0.2436

■ 89.6278, 0.3414,
0.3611

■ 26.2639, 0.2006,
0.2304

■ 94.0216, 0.3402,
0.3680

■ 23.8330, 0.1945,
0.2174

■ 97.4348, 0.3393,
0.3730

■ 22.7732, 0.1920,
0.2113

Harmonies

Analogous

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



54.9650, 0.2911, 0.3252



54.9650, 0.2892, 0.3153



54.9650, 0.2935, 0.3093

Triad

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



54.9650, 0.2892, 0.3153



54.9650, 0.3269, 0.3216



54.9650, 0.3223, 0.3503

Complementary

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



54.9650, 0.2892, 0.3153



53.3157, 0.3391, 0.3423

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.



54.9650, 0.3322, 0.3489



54.9650, 0.2892, 0.3153



54.9650, 0.3349, 0.3321

Square

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



54.9650, 0.2892, 0.3153



54.9650, 0.3151, 0.3130



54.9650, 0.3368, 0.3421



54.9650, 0.3100, 0.3458

Rectangle

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



54.9650, 0.2892, 0.3153



54.9650, 0.2993, 0.3082



54.9650, 0.3368, 0.3421



54.9650, 0.3260, 0.3505

Sweetspot

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



54.9673, 0.2892, 0.3153



94.8955, 0.3050, 0.3247



59.2313, 0.3036, 0.3557



20.1618, 0.3039, 0.3241



0.0000, 0.0000, 0.0000



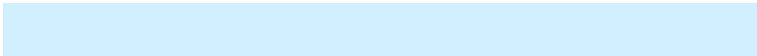
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9673, 0.2892, 0.3153



82.6479, 0.2847, 0.3124



48.1154, 0.2884, 0.2953



12.6939, 0.2983, 0.3208



14.0802, 0.1926, 0.2132



0.9319, 0.1992, 0.2369

Inverse Universe

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



49.6615, 0.3234, 0.3041



73.1546, 0.3258, 0.2991



60.4347, 0.3364, 0.3606



11.9371, 0.3190, 0.3139



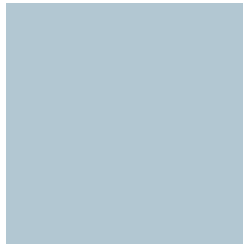
9.4927, 0.4306, 0.2146



0.5454, 0.4055, 0.2007

Previews

White Background



This preview shows how the Yxy color 54.9650, 0.2892, 0.3153 looks on a white background.

Color Contrast Check

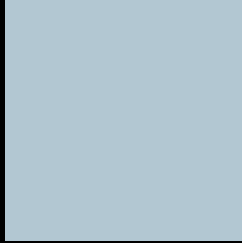
Large Text (above 18pt) WCAG AA × Fail

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 54.9650, 0.2892, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

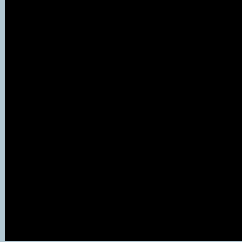
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

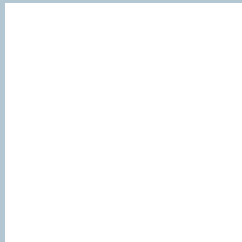
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9650, 0.2892, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 54.9650, 0.2892, 0.3153.



This preview shows how white text looks on a background with the Yxy color 54.9650, 0.2892, 0.3153.

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

54.9650, 0.2892, 0.3153

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

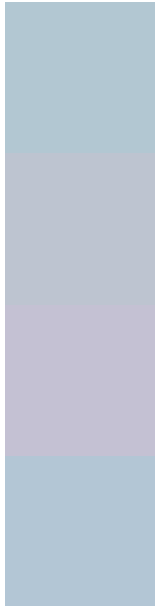
54.8458, 0.3099, 0.3034



Tritanopia

54.8269, 0.2873, 0.3093

Trichromacy



Original Color

54.9650, 0.2892, 0.3153

Protanomaly

54.8527, 0.2987, 0.3144

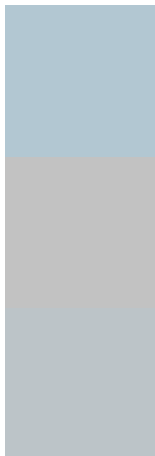
Deuteranomaly

54.5788, 0.3019, 0.3075

Tritanomaly

54.7760, 0.2879, 0.3105

Monochromacy



Original Color

54.9650, 0.2892, 0.3153

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3414, 0.3036, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9650, 0.2892, 0.3153 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(178, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 210)  
}
```

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(178, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 210) }
```

Border

The CSS property to change the border of an element to Yxy 54.9650, 0.2892, 0.3153 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(178, 199, 210) }
```

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

```
.border{ border-color:rgb(178, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9650, 0.2892, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 210) }
```

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

```
.background{ background-color: rgb(178,  
199, 210) }
```

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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