

Converting Colors

$Yxy(54.7887, 0.2893, 0.3080)$

Have a look what the booklet for
Yxy(54.7887, 0.2893, 0.3080)
contains.

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Color

Yxy(54.7326, 0.2894, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5D6
RGB	182, 197, 214
RGB Percent	71%, 77%, 84%
CMY	0.2863, 0.2274, 0.1609
CMYK	0.15, 0.08, 0.00, 0.16
HSL	212°, 28%, 78%
HSV	212°, 15%, 84%
XYZ	51.3939, 54.7326, 71.4614
YIQ	194.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

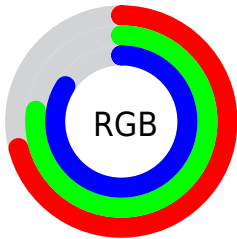
Format	Color
R _Y B	182, 192, 214
Decimal	11978198
CIE Lab	78.89, -1.65, -10.21
CIE LCh	79, 10.341, 260.809
Yxy	54.7326, 0.2894, 0.3082
Android (android.graphics.Color)	4290168278 (0xFFB6C5D6)
YUV	194.4530, 9.6367, -10.9213
Hunter-Lab	73.9815, -5.4660, -5.4833

Details

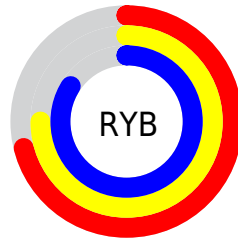
The Yxy color **54.7326, 0.2894, 0.3082** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5100, 0.3375, 0.3490**, and the grayscale version is **54.1804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2808, 0.3023, 0.3280**, and **26.8153, 0.2837, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **47.3588, 0.2731, 0.2923**, and if you desaturate by 10%, it is **62.8979, 0.3052, 0.3225**.

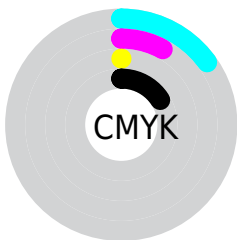
Distribution



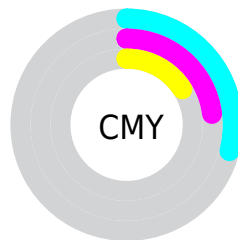
- Red (71%)
- Green (77%)
- Blue (84%)



- Red (71%)
- Yellow (75%)
- Blue (84%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7326, 0.2894, 0.3082 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 54.7326, 0.2894, 0.3082 by changing the saturation by 10% instead.

■ 54.7326, 0.2894,
0.3082

■ 54.7326, 0.2894,
0.3082

404.8975, 0.3007,
0.3183

■ 39.1877, 0.2867,
0.3058

■ 97.1491, 0.2934,
0.3118

■ 26.9058, 0.2833,
0.3027

124.7894, 0.2950,
0.3132

■ 17.5025, 0.2788,
0.2986

157.2303, 0.2963,
0.3144

■ 10.5934, 0.2728,
0.2931

194.8562, 0.2974,
0.3154

■ 5.7941, 0.2643,
0.2853

238.0515, 0.2984,
0.3163

■ 2.7203, 0.2511,
0.2731

287.2005, 0.2992,

■ 0.9875, 0.2284,

0.3170

0.2517

342.6877, 0.3000,
0.3177

0.0000, 0.0000,
0.0000

54.7326, 0.2894,
0.3082

54.7326, 0.2894,
0.3082

47.3588, 0.2731,
0.2923

62.8979, 0.3052,
0.3225

40.7431, 0.2564,
0.2749

71.8730, 0.3202,
0.3353

34.8596, 0.2399,
0.2561

81.6841, 0.3344,
0.3465

29.6781, 0.2240,
0.2361

89.8856, 0.3389,
0.3572

25.1658, 0.2093,
0.2155

96.8766, 0.3371,
0.3680

■ 21.2865, 0.1963,
0.1947

■ 97.6341, 0.3370,
0.3691

■ 17.9995, 0.1856,
0.1744

■ 15.2568, 0.1773,
0.1552

■ 14.0407, 0.1739,
0.1459

Harmonies

Analogous

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



54.7326, 0.2864, 0.3162



54.7326, 0.2894, 0.3082



54.7326, 0.2986, 0.3058

Triad

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



54.7326, 0.2894, 0.3082



54.7326, 0.3357, 0.3293



54.7326, 0.3133, 0.3498

Complementary

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



54.7326, 0.2894, 0.3082



58.5100, 0.3375, 0.3490

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.



54.7326, 0.3266, 0.3531



54.7326, 0.2894, 0.3082



54.7326, 0.3398, 0.3409

Square

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



54.7326, 0.2894, 0.3082



54.7326, 0.3254, 0.3179



54.7326, 0.3364, 0.3497



54.7326, 0.3000, 0.3405

Rectangle

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



54.7326, 0.2894, 0.3082



54.7326, 0.3071, 0.3076



54.7326, 0.3364, 0.3497



54.7326, 0.3179, 0.3516

Sweetspot

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



54.7349, 0.2894, 0.3082



94.7099, 0.3066, 0.3237



62.1316, 0.3000, 0.3478



20.0636, 0.3054, 0.3227



0.0000, 0.0000, 0.0000



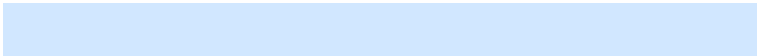
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7349, 0.2894, 0.3082



77.7353, 0.2842, 0.3032



48.3232, 0.2891, 0.2894



12.9596, 0.2982, 0.3163



8.6928, 0.1746, 0.1486



0.6892, 0.1837, 0.1812

Inverse Universe

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



51.7832, 0.3280, 0.3114



72.6587, 0.3319, 0.3075



65.6753, 0.3346, 0.3659



12.5168, 0.3218, 0.3181



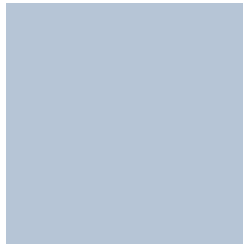
9.2224, 0.5077, 0.2571



0.5729, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 54.7326, 0.2894, 0.3082 looks on a white background.

Color Contrast Check

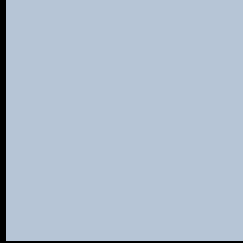
Large Text (above 18pt) WCAG AA × Fail

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 54.7326, 0.2894, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

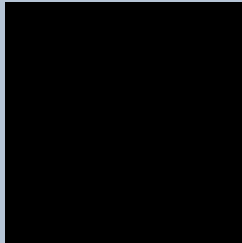
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

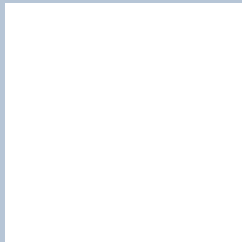
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7326, 0.2894, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 54.7326, 0.2894, 0.3082.



This preview shows how white text looks on a background with the Yxy color 54.7326, 0.2894, 0.3082.

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

54.7326, 0.2894, 0.3082

Protanopia

54.8064, 0.2997, 0.3074

Deuteranopia

54.7123, 0.3061, 0.2998



Tritanopia

54.6817, 0.2901, 0.3094

Trichromacy



Original Color

54.7326, 0.2894, 0.3082

Protanomaly

54.7815, 0.2959, 0.3073

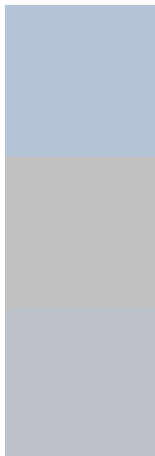
Deuteranomaly

54.9165, 0.2998, 0.3029

Tritanomaly

54.6817, 0.2901, 0.3094

Monochromacy



Original Color

54.7326, 0.2894, 0.3082

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1944, 0.3044, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7326, 0.2894, 0.3082 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(182, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 214)  
}
```

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(182, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.7326, 0.2894, 0.3082 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(182, 197, 214) }
```

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

```
.border{ border-color:rgb(182, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7326, 0.2894, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 214) }
```

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

```
.background{ background-color: rgb(182,  
197, 214) }
```

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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