

Converting Colors

Yxy(54.2461, 0.2927, 0.3136)

Have a look what the booklet for
Yxy(54.2461, 0.2927, 0.3136)
contains.

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Color

Yxy(54.4810, 0.2928, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5D1
RGB	182, 197, 209
RGB Percent	71%, 77%, 82%
CMY	0.2861, 0.2275, 0.1805
CMYK	0.13, 0.06, 0.00, 0.18
HSL	207°, 23%, 77%
HSV	207°, 13%, 82%
XYZ	50.7703, 54.4810, 68.1446
YIQ	193.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

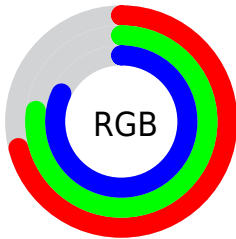
Format	Color
R _Y B	182, 192, 209
Decimal	11978193
CIE Lab	78.74, -2.68, -7.73
CIE LCh	79, 8.179, 250.884
Yxy	54.4810, 0.2928, 0.3142
Android (android.graphics.Color)	4290168273 (0xFFB6C5D1)
YUV	193.8830, 7.4527, -10.4214
Hunter-Lab	73.8112, -6.3902, -3.0703

Details

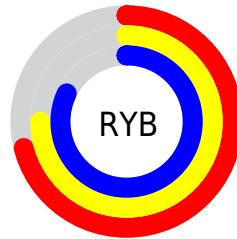
The Yxy color **54.4810, 0.2928, 0.3142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5224, 0.3341, 0.3434**, and the grayscale version is **53.8406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2808, 0.3023, 0.3280**, and **26.6786, 0.2872, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **48.0341, 0.2769, 0.3013**, and if you desaturate by 10%, it is **61.5724, 0.3083, 0.3259**.

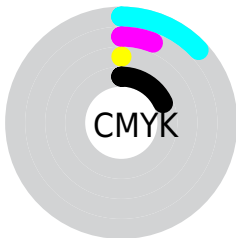
Distribution



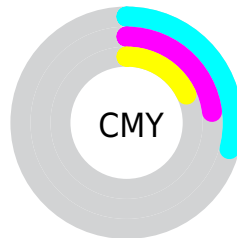
- Red (71%)
- Green (77%)
- Blue (82%)



- Red (71%)
- Yellow (75%)
- Blue (82%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4810, 0.2928, 0.3142 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 54.4810, 0.2928, 0.3142 by changing the saturation by 10% instead.

■ 54.4810, 0.2928,
0.3142

■ 54.4810, 0.2928,
0.3142

403.9416, 0.3025,
0.3214

■ 38.9863, 0.2905,
0.3124

■ 96.7801, 0.2962,
0.3168

■ 26.7491, 0.2875,
0.3102

124.3534, 0.2976,
0.3178

■ 17.3849, 0.2837,
0.3073

156.7216, 0.2987,
0.3186

■ 10.5093, 0.2786,
0.3033

194.2693, 0.2996,
0.3193

■ 5.7379, 0.2711,
0.2975

237.3807, 0.3005,
0.3200

■ 2.6864, 0.2597,
0.2884

286.4403, 0.3012,

■ 0.9703, 0.2396,

0.3205

0.2721

341.8324, 0.3019,
0.3210

0.0000, 0.0000,
0.0000

54.4810, 0.2928,
0.3142

54.4810, 0.2928,
0.3142

48.0341, 0.2769,
0.3013

61.5724, 0.3083,
0.3259

42.2034, 0.2610,
0.2871

69.3216, 0.3233,
0.3363

36.9684, 0.2453,
0.2718

77.7503, 0.3376,
0.3455

32.3047, 0.2304,
0.2555

84.8046, 0.3435,
0.3543

28.1856, 0.2166,
0.2385

90.2408, 0.3419,
0.3633

■ 24.5819, 0.2045,
0.2211

■ 95.9589, 0.3403,
0.3720

■ 21.4604, 0.1944,
0.2038

■ 97.3822, 0.3400,
0.3741

■ 18.7822, 0.1865,
0.1870

■ 17.1029, 0.1821,
0.1754

Harmonies

Analogous

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



54.4810, 0.2922, 0.3218



54.4810, 0.2928, 0.3142



54.4810, 0.2987, 0.3107

Triad

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



54.4810, 0.2928, 0.3142



54.4810, 0.3287, 0.3262



54.4810, 0.3168, 0.3468

Complementary

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



54.4810, 0.2928, 0.3142



55.5224, 0.3341, 0.3434

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.



54.4810, 0.3268, 0.3477



54.4810, 0.2928, 0.3142



54.4810, 0.3337, 0.3356

Square

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



54.4810, 0.2928, 0.3142



54.4810, 0.3193, 0.3176



54.4810, 0.3330, 0.3436



54.4810, 0.3059, 0.3409

Rectangle

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



54.4810, 0.2928, 0.3142



54.4810, 0.3048, 0.3110



54.4810, 0.3330, 0.3436



54.4810, 0.3204, 0.3477

Sweetspot

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



54.4833, 0.2928, 0.3142



95.2565, 0.3066, 0.3246



59.4208, 0.3032, 0.3478



20.2019, 0.3054, 0.3237



0.0000, 0.0000, 0.0000



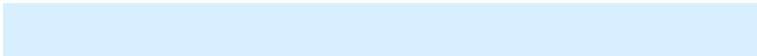
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4833, 0.2928, 0.3142



83.0767, 0.2892, 0.3114



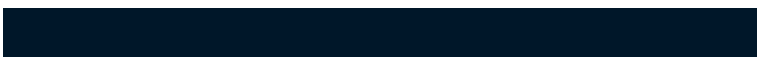
48.7649, 0.2924, 0.2976



12.4907, 0.2983, 0.3184



10.7474, 0.1827, 0.1777



0.7579, 0.1911, 0.2080

Inverse Universe

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



51.0550, 0.3237, 0.3112



76.9294, 0.3260, 0.3080



61.6434, 0.3321, 0.3586



11.9166, 0.3205, 0.3162



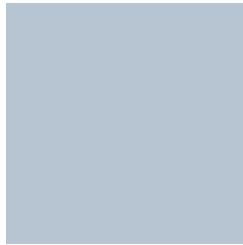
9.1562, 0.4713, 0.2370



0.5278, 0.4363, 0.2177

Previews

White Background



This preview shows how the Yxy color 54.4810, 0.2928, 0.3142 looks on a white background.

Color Contrast Check

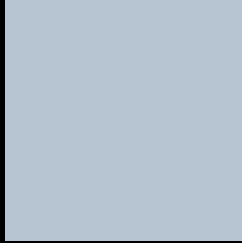
Large Text (above 18pt) WCAG AA × Fail

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 54.4810, 0.2928, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

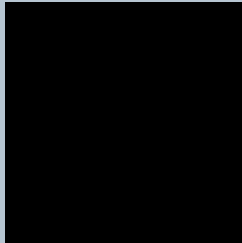
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

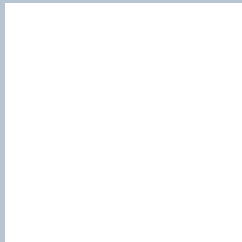
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4810, 0.2928, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 54.4810, 0.2928, 0.3142.



This preview shows how white text looks on a background with the Yxy color 54.4810, 0.2928, 0.3142.

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

54.4810, 0.2928, 0.3142

Protanopia

54.2470, 0.3040, 0.3121

Deuteranopia

54.2202, 0.3099, 0.3032



Tritanopia

54.3006, 0.2914, 0.3094

Trichromacy



Original Color

54.4810, 0.2928, 0.3142

Protanomaly

54.0848, 0.2994, 0.3120

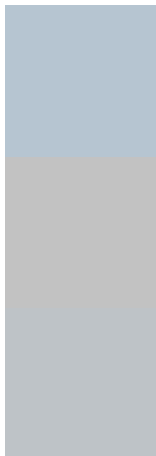
Deuteranomaly

54.2227, 0.3034, 0.3075

Tritanomaly

54.2503, 0.2921, 0.3106

Monochromacy



Original Color

54.4810, 0.2928, 0.3142

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1009, 0.3058, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4810, 0.2928, 0.3142 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 209) }
```

Border

The CSS property to change the border of an element to Yxy 54.4810, 0.2928, 0.3142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

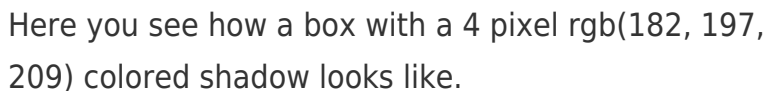
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 197, 209) }
```

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

```
.border{ border-color:rgb(182, 197, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4810, 0.2928, 0.3142 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, 209) }
```

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

```
.background{ background-color: rgb(182,  
197, 209) }
```

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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