

Converting Colors

Yxy(54.3820, 0.2951, 0.3149)

Have a look what the booklet for
Yxy(54.3820, 0.2951, 0.3149)
contains.

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Color

Yxy(54.2243, 0.2949, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	B8C4D0
RGB	184, 196, 208
RGB Percent	72%, 77%, 82%
CMY	0.2784, 0.2314, 0.1843
CMYK	0.12, 0.06, 0.00, 0.18
HSL	210°, 20%, 77%
HSV	210°, 12%, 82%
XYZ	50.8935, 54.2243, 67.4611
YIQ	193.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

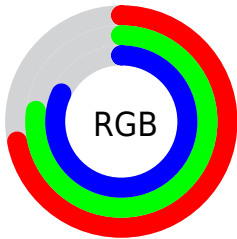
Format	Color
RYB	184, 192, 208
Decimal	12109008
CIELab	78.59, -1.71, -7.41
CIElCh	79, 7.605, 257.021
Yxy	54.2243, 0.2949, 0.3142
Android (android.graphics.Color)	4290299088 (0xFFB8C4D0)
YUV	193.7800, 7.0105, -8.5771
Hunter-Lab	73.6372, -5.4967, -2.7713

Details

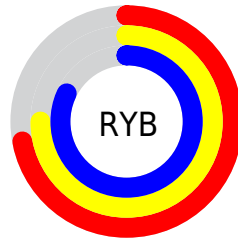
The Yxy color **54.2243, 0.2949, 0.3142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3557, 0.3315, 0.3434**, and the grayscale version is **53.7764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9958, 0.3036, 0.3270**, and **26.5044, 0.2900, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **47.3119, 0.2789, 0.2998**, and if you desaturate by 10%, it is **61.8443, 0.3104, 0.3271**.

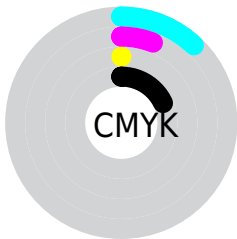
Distribution



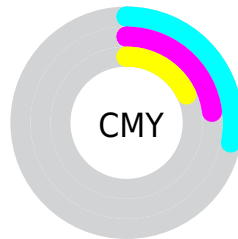
- Red (72%)
- Green (77%)
- Blue (82%)



- Red (72%)
- Yellow (75%)
- Blue (82%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2243, 0.2949, 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 54.2243, 0.2949, 0.3142 by changing the saturation by 10% instead.

■ 54.2243, 0.2949,
0.3142

■ 54.2243, 0.2949,
0.3142

402.9648, 0.3036,
0.3214

■ 38.7810, 0.2928,
0.3124

■ 96.4035, 0.2980,
0.3168

■ 26.5894, 0.2902,
0.3102

123.9082, 0.2992,
0.3178

■ 17.2651, 0.2867,
0.3073

156.2022, 0.3002,
0.3186

■ 10.4237, 0.2821,
0.3033

193.6698, 0.3010,
0.3193

■ 5.6808, 0.2754,
0.2976

236.6955, 0.3018,
0.3200

■ 2.6520, 0.2650,
0.2886

285.6636, 0.3024,

■ 0.9529, 0.2466,

0.3205

0.2724

340.9586, 0.3030,
0.3210

0.0000, 0.0000,
0.0000

54.2243, 0.2949,
0.3142

54.2243, 0.2949,
0.3142

47.3119, 0.2789,
0.2998

61.8443, 0.3104,
0.3271

41.0775, 0.2625,
0.2840

70.1870, 0.3252,
0.3387

35.4989, 0.2463,
0.2668

79.2754, 0.3391,
0.3488

30.5500, 0.2305,
0.2484

86.7396, 0.3435,
0.3586

26.2025, 0.2158,
0.2292

92.9605, 0.3417,
0.3685

■ 22.4257, 0.2026,
0.2097

■ 97.3343, 0.3406,
0.3750

■ 19.1849, 0.1914,
0.1902

■ 16.4398, 0.1826,
0.1715

■ 14.4497, 0.1768,
0.1564

Harmonies

Analogous

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



54.2243, 0.2933, 0.3206



54.2243, 0.2949, 0.3142



54.2243, 0.3012, 0.3118

Triad

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



54.2243, 0.2949, 0.3142



54.2243, 0.3289, 0.3282



54.2243, 0.3145, 0.3448

Complementary

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



54.2243, 0.2949, 0.3142



56.3557, 0.3315, 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.



54.2243, 0.3241, 0.3467



54.2243, 0.2949, 0.3142



54.2243, 0.3326, 0.3369

Square

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



54.2243, 0.2949, 0.3142



54.2243, 0.3209, 0.3198



54.2243, 0.3308, 0.3437



54.2243, 0.3045, 0.3385

Rectangle

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



54.2243, 0.2949, 0.3142



54.2243, 0.3073, 0.3127



54.2243, 0.3308, 0.3437



54.2243, 0.3179, 0.3460

Sweetspot

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



54.2266, 0.2949, 0.3142



96.1609, 0.3081, 0.3253



59.2913, 0.3031, 0.3437



20.3666, 0.3069, 0.3243



0.0000, 0.0000, 0.0000



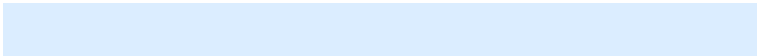
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2266, 0.2949, 0.3142



82.9791, 0.2907, 0.3106



49.0292, 0.2946, 0.2991



12.3800, 0.2982, 0.3171



9.1987, 0.1775, 0.1589



0.6730, 0.1867, 0.1922

Inverse Universe

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



51.6801, 0.3235, 0.3147



78.2026, 0.3263, 0.3114



61.9860, 0.3298, 0.3572



11.9054, 0.3213, 0.3174



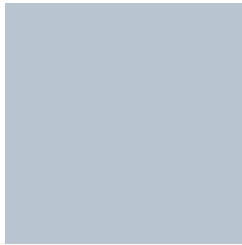
8.9999, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 54.2243, 0.2949, 0.3142 looks on a white background.

Color Contrast Check

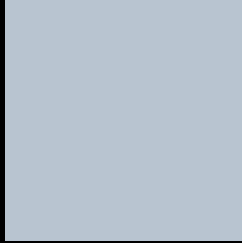
Large Text (above 18pt) WCAG AA × Fail

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 54.2243, 0.2949, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

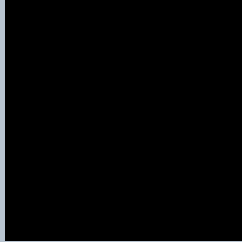
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

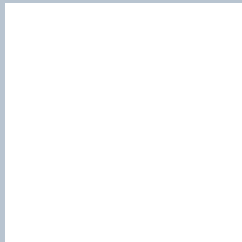
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2243, 0.2949, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 54.2243, 0.2949, 0.3142.

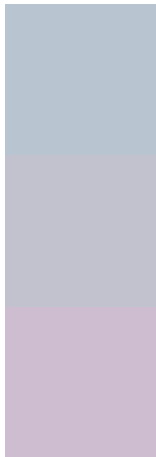


This preview shows how white text looks on a background with the Yxy color 54.2243, 0.2949, 0.3142.

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

54.2243, 0.2949, 0.3142

Protanopia

54.0655, 0.3040, 0.3133

Deuteranopia

54.1205, 0.3114, 0.3055



Tritanopia

54.4973, 0.2936, 0.3106

Trichromacy



Original Color

54.2243, 0.2949, 0.3142

Protanomaly

54.0357, 0.3001, 0.3131

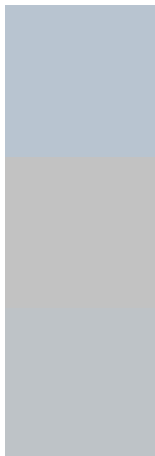
Deuteranomaly

54.3085, 0.3049, 0.3087

Tritanomaly

54.4473, 0.2943, 0.3118

Monochromacy



Original Color

54.2243, 0.2949, 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 54.2243, 0.2949, 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(184, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 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(184, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.2243, 0.2949, 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(184, 196, 208) }
```

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

```
.border{ border-color:rgb(184, 196, 208) }
```

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

Here you see how a box with a 4 pixel rgb(184, 196, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2243, 0.2949, 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(184, 196, 208) }
```

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

```
.background{ background-color: rgb(184,  
196, 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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