

Converting Colors

$Yxy(54.1969, 0.2802, 0.3032)$

Have a look what the booklet for
Yxy(54.1969, 0.2802, 0.3032)
contains.

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Color

Yxy(54.3344, 0.2804, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	ADC6DA
RGB	173, 198, 218
RGB Percent	68%, 78%, 85%
CMY	0.3216, 0.2235, 0.1450
CMYK	0.21, 0.09, 0.00, 0.14
HSL	207°, 38%, 77%
HSV	207°, 21%, 86%
XYZ	50.0834, 54.3344, 74.1963
YIQ	192.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

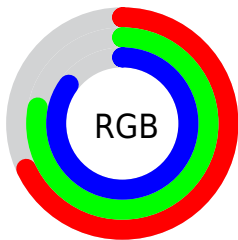
Format	Color
RYB	173, 189, 218
Decimal	11388634
CIELab	78.66, -4.15, -12.80
CIELCh	79, 13.452, 252.032
Yxy	54.3344, 0.2804, 0.3042
Android (android.graphics.Color)	4289578714 (0xFFADC6DA)
YUV	192.8050, 12.4211, -17.3690
Hunter-Lab	73.7119, -7.7143, -8.0813

Details

The Yxy color **54.3344, 0.2804, 0.3042** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0728, 0.3492, 0.3526**, and the grayscale version is **53.1440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **26.5839, 0.2721, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **47.7599, 0.2644, 0.2903**, and if you desaturate by 10%, it is **61.6025, 0.2963, 0.3169**.

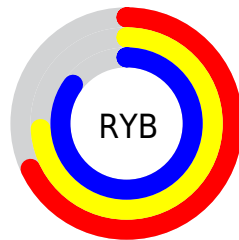
Distribution



Red (68%)

Green (78%)

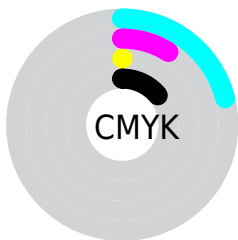
Blue (85%)



Red (68%)

Yellow (74%)

Blue (85%)

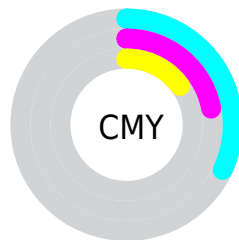


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3344, 0.2804, 0.3042 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 54.3344, 0.2804, 0.3042 by changing the saturation by 10% instead.

■ 54.3344, 0.2804,
0.3042

■ 54.3344, 0.2804,
0.3042

403.3839, 0.2960,
0.3163

■ 38.8691, 0.2767,
0.3013

■ 96.5651, 0.2859,
0.3085

■ 26.6579, 0.2720,
0.2975

124.0992, 0.2881,
0.3102

■ 17.3165, 0.2659,
0.2926

156.4250, 0.2899,
0.3116

■ 10.4604, 0.2577,
0.2860

193.9270, 0.2914,
0.3128

■ 5.7053, 0.2461,
0.2765

236.9895, 0.2928,
0.3139

■ 2.6667, 0.2285,
0.2616

285.9968, 0.2940,

■ 0.9603, 0.1988,

0.3148

0.2358

341.3335, 0.2950,
0.3156

0.0000, 0.0000,
0.0000

54.3344, 0.2804,
0.3042

54.3344, 0.2804,
0.3042

47.7599, 0.2644,
0.2903

61.6025, 0.2963,
0.3169

41.8476, 0.2486,
0.2751

69.5810, 0.3117,
0.3283

36.5728, 0.2335,
0.2590

78.2944, 0.3266,
0.3385

31.9067, 0.2194,
0.2421

86.7638, 0.3371,
0.3477

27.8175, 0.2068,
0.2247

92.5228, 0.3357,
0.3570

■ 24.2694, 0.1963,
0.2073

■ 97.8435, 0.3345,
0.3651

■ 21.2209, 0.1879,
0.1903

■ 18.7606, 0.1820,
0.1750

Harmonies

Analogous

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



54.3344, 0.2791, 0.3163



54.3344, 0.2804, 0.3042



54.3344, 0.2901, 0.2990

Triad

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



54.3344, 0.2804, 0.3042



54.3344, 0.3395, 0.3248



54.3344, 0.3186, 0.3585

Complementary

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



54.3344, 0.2804, 0.3042



56.0728, 0.3492, 0.3526

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.



54.3344, 0.3352, 0.3601



54.3344, 0.2804, 0.3042



54.3344, 0.3476, 0.3401

Square

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



54.3344, 0.2804, 0.3042



54.3344, 0.3242, 0.3109



54.3344, 0.3460, 0.3531



54.3344, 0.3008, 0.3482

Rectangle

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



54.3344, 0.2804, 0.3042



54.3344, 0.3002, 0.2999



54.3344, 0.3460, 0.3531



54.3344, 0.3245, 0.3600

Sweetspot

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



54.3366, 0.2804, 0.3042



92.9491, 0.3034, 0.3223



62.8690, 0.2976, 0.3607



19.7356, 0.3024, 0.3215



0.0000, 0.0000, 0.0000



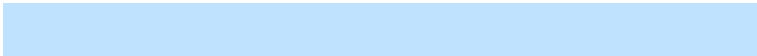
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3366, 0.2804, 0.3042



73.0792, 0.2731, 0.2980



44.9943, 0.2785, 0.2760



13.8105, 0.2982, 0.3183



11.4543, 0.1826, 0.1774



0.9130, 0.1901, 0.2043

Inverse Universe

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



48.8705, 0.3318, 0.2999



64.1578, 0.3370, 0.2932



66.5407, 0.3443, 0.3770



13.1720, 0.3205, 0.3161



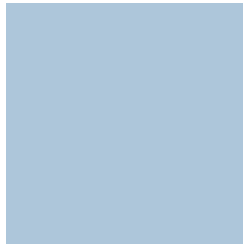
9.7801, 0.4717, 0.2372



0.6509, 0.4404, 0.2200

Previews

White Background



This preview shows how the Yxy color 54.3344, 0.2804, 0.3042 looks on a white background.

Color Contrast Check

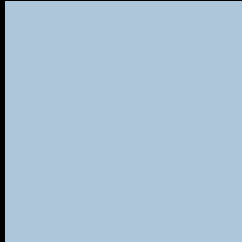
Large Text (above 18pt) WCAG AA × Fail

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 54.3344, 0.2804, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

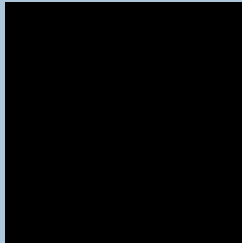
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

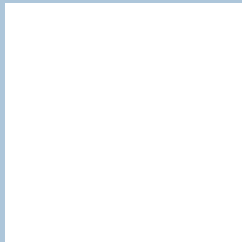
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3344, 0.2804, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 54.3344, 0.2804, 0.3042.



This preview shows how white text looks on a background with the Yxy color 54.3344, 0.2804, 0.3042.

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

54.3344, 0.2804, 0.3042

Protanopia

54.2527, 0.2960, 0.3026

Deuteranopia

53.9800, 0.2994, 0.2927



Tritanopia

54.4725, 0.2824, 0.3103

Trichromacy



Original Color

54.3344, 0.2804, 0.3042

Protanomaly

54.3024, 0.2902, 0.3035

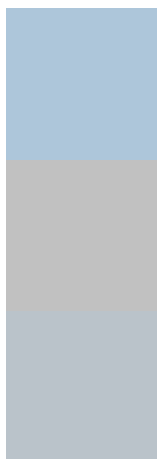
Deuteranomaly

53.8901, 0.2925, 0.2967

Tritanomaly

54.5238, 0.2817, 0.3091

Monochromacy



Original Color

54.3344, 0.2804, 0.3042

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7336, 0.3006, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3344, 0.2804, 0.3042 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(173, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 218)  
}
```

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(173, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.3344, 0.2804, 0.3042 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(173, 198, 218) }
```

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

```
.border{ border-color:rgb(173, 198, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 218);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3344, 0.2804, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 218) }
```

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

```
.background{ background-color: rgb(173,  
198, 218) }
```

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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