

Converting Colors

$Yxy(54.5269, 0.2893, 0.2981)$

Have a look what the booklet for
Yxy(54.5269, 0.2893, 0.2981)
contains.

Yxy(54.4422, 0.2896, 0.2978)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4422, 0.2896, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2DC
RGB	188, 194, 220
RGB Percent	74%, 76%, 86%
CMY	0.2629, 0.2392, 0.1372
CMYK	0.15, 0.12, 0.00, 0.14
HSL	229°, 31%, 80%
HSV	229°, 15%, 86%
XYZ	52.9431, 54.4422, 75.4293
YIQ	195.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

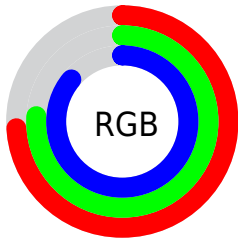
Format	Color
R _Y B	188, 193, 220
Decimal	12370652
CIE Lab	78.72, 3.13, -13.66
CIE LCh	79, 14.011, 282.889
Yxy	54.4422, 0.2896, 0.2978
Android (android.graphics.Color)	4290560732 (0xFFBCC2DC)
YUV	195.1700, 12.2412, -6.2881
Hunter-Lab	73.7850, -1.0441, -8.9619

Details

The Yxy color $54.4422, 0.2896, 0.2978$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.9174, 0.3354, 0.3584$, and the grayscale version is $54.6094, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8243, 0.3061, 0.3241$, and $26.6237, 0.2839, 0.2889$ is the 20% darker color. If you saturate the color by 10%, you get $44.3864, 0.2719, 0.2731$, and if you desaturate by 10%, it is $65.8827, 0.3058, 0.3198$.

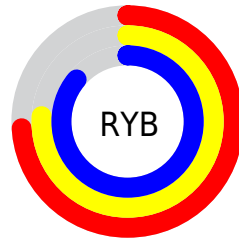
Distribution



Red (74%)

Green (76%)

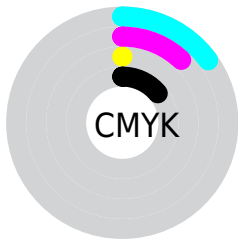
Blue (86%)



Red (74%)

Yellow (76%)

Blue (86%)

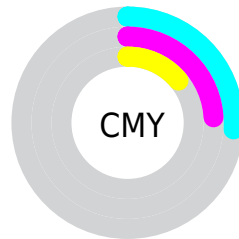


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4422, 0.2896, 0.2978 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 54.4422, 0.2896, 0.2978 by changing the saturation by 10% instead.

■ 54.4422, 0.2896,
0.2978

■ 54.4422, 0.2896,
0.2978

403.7940, 0.3008,
0.3128

■ 38.9553, 0.2869,
0.2942

■ 96.7232, 0.2936,
0.3031

■ 26.7250, 0.2835,
0.2897

124.2861, 0.2951,
0.3052

■ 17.3668, 0.2790,
0.2839

156.6431, 0.2964,
0.3069

■ 10.4963, 0.2730,
0.2761

194.1787, 0.2976,
0.3084

■ 5.7293, 0.2643,
0.2650

237.2772, 0.2985,
0.3097

■ 2.6812, 0.2510,
0.2482

286.3229, 0.2994,

■ 0.9676, 0.2281,

0.3109

0.2201

341.7004, 0.3002,
0.3119

0.0000, 0.0000,
0.0000

54.4422, 0.2896,
0.2978

54.4422, 0.2896,
0.2978

44.3864, 0.2719,
0.2731

65.8827, 0.3058,
0.3198

35.6556, 0.2531,
0.2459

78.7511, 0.3205,
0.3392

28.1957, 0.2335,
0.2167

93.0970, 0.3336,
0.3562

21.9464, 0.2140,
0.1863

97.9475, 0.3333,
0.3631

16.8421, 0.1956,
0.1563

■ 12.8109, 0.1795,
0.1281

■ 9.7721, 0.1667,
0.1037

■ 7.6326, 0.1579,
0.0845

■ 6.7892, 0.1546,
0.0764

Harmonies

Analogous

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



54.4422, 0.2793, 0.3029



54.4422, 0.2896, 0.2978



54.4422, 0.3063, 0.3007

Triad

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



54.4422, 0.2896, 0.2978



54.4422, 0.3491, 0.3409



54.4422, 0.2998, 0.3486

Complementary

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



54.4422, 0.2896, 0.2978



66.9174, 0.3354, 0.3584

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.



54.4422, 0.3183, 0.3595



54.4422, 0.2896, 0.2978



54.4422, 0.3471, 0.3544

Square

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



54.4422, 0.2896, 0.2978



54.4422, 0.3410, 0.3250



54.4422, 0.3357, 0.3614



54.4422, 0.2851, 0.3321

Rectangle

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



54.4422, 0.2896, 0.2978



54.4422, 0.3189, 0.3066



54.4422, 0.3357, 0.3614



54.4422, 0.3058, 0.3531

Sweetspot

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



54.4445, 0.2896, 0.2978



92.9498, 0.3066, 0.3209



66.7097, 0.2946, 0.3365



19.6191, 0.3055, 0.3194



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.



54.4445, 0.2896, 0.2978



72.2625, 0.2852, 0.2917



53.0691, 0.2967, 0.2912



13.0128, 0.2981, 0.3094



4.1049, 0.1551, 0.0785



0.3845, 0.1631, 0.1072

Inverse Universe

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



55.0648, 0.3348, 0.3221



73.3305, 0.3395, 0.3208



68.5768, 0.3272, 0.3657



13.0915, 0.3262, 0.3246



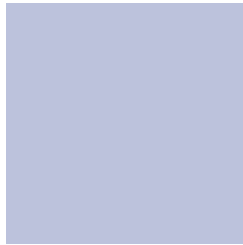
9.0382, 0.6094, 0.3131



0.5975, 0.5652, 0.2887

Previews

White Background



This preview shows how the Yxy color 54.4422, 0.2896, 0.2978 looks on a white background.

Color Contrast Check

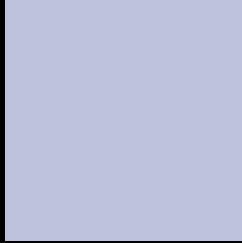
Large Text (above 18pt) WCAG AA × Fail

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 54.4422, 0.2896, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

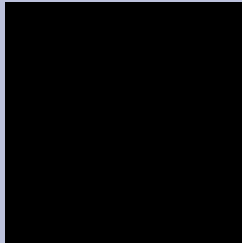
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4422, 0.2896, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 54.4422, 0.2896, 0.2978.



This preview shows how white text looks on a background with the Yxy color 54.4422, 0.2896, 0.2978.

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

54.4422, 0.2896, 0.2978

Protanopia

54.3308, 0.2925, 0.2979

Deuteranopia

54.4649, 0.2987, 0.2928



Tritanopia

54.6221, 0.2943, 0.3107

Trichromacy



Original Color

54.4422, 0.2896, 0.2978

Protanomaly

54.2016, 0.2918, 0.2979

Deuteranomaly

54.2178, 0.2948, 0.2936

Tritanomaly

54.4500, 0.2930, 0.3059

Monochromacy



Original Color

54.4422, 0.2896, 0.2978

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5963, 0.3038, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4422, 0.2896, 0.2978 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(188, 194, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 220)  
}
```

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(188, 194, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 220) }
```

Border

The CSS property to change the border of an element to Yxy 54.4422, 0.2896, 0.2978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

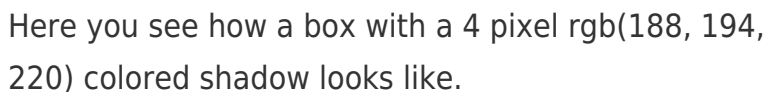
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 194, 220) }
```

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

```
.border{ border-color:rgb(188, 194, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 194, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4422, 0.2896, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 220) }
```

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

```
.background{ background-color: rgb(188,  
194, 220) }
```

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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