

Converting Colors

$Yxy(54.8799, 0.2869, 0.2885)$

Have a look what the booklet for
Yxy(54.8799, 0.2869, 0.2885)
contains.

Yxy(54.8177, 0.2864, 0.2878)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8177, 0.2864, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1E4
RGB	191, 193, 228
RGB Percent	75%, 76%, 89%
CMY	0.2511, 0.2431, 0.1059
CMYK	0.16, 0.15, 0.00, 0.11
HSL	237°, 41%, 82%
HSV	237°, 16%, 89%
XYZ	54.5510, 54.8177, 81.1028
YIQ	196.3920, -12.4270, 10.4610

Conversions

Conversions Part 2

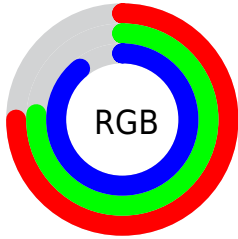
Format	Color
R_{YB}	191, 193, 228
Decimal	12567012
CIE _{Lab}	78.94, 6.31, -17.61
CIE _{LCh}	79, 18.710, 289.716
Yxy	54.8177, 0.2864, 0.2878
Android (android.graphics.Color)	4290757092 (0xFFBFC1E4)
YUV	196.3920, 15.5827, -4.7288
Hunter-Lab	74.0390, 1.9485, -13.1194

Details

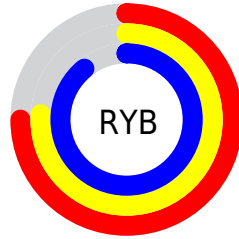
The Yxy color $54.8177, 0.2864, 0.2878$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.6139, 0.3374, 0.3671$, and the grayscale version is $55.3575, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.9278, 0.3086, 0.3232$, and $27.0917, 0.2789, 0.2774$ is the 20% darker color. If you saturate the color by 10%, you get $43.2528, 0.2677, 0.2583$, and if you desaturate by 10%, it is $68.2333, 0.3032, 0.3142$.

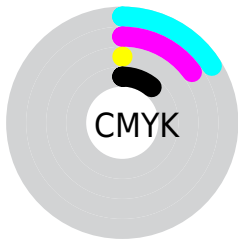
Distribution



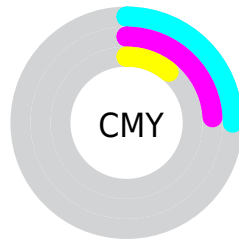
- Red (75%)
- Green (76%)
- Blue (89%)



- Red (75%)
- Yellow (76%)
- Blue (89%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8177, 0.2864, 0.2878 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 54.8177, 0.2864, 0.2878 by changing the saturation by 10% instead.

■ 54.8177, 0.2864,
0.2878

■ 54.8177, 0.2864,
0.2878

405.2205, 0.2992,
0.3074

■ 39.2558, 0.2833,
0.2832

■ 97.2738, 0.2910,
0.2947

■ 26.9588, 0.2794,
0.2774

124.9368, 0.2927,
0.2974

■ 17.5423, 0.2744,
0.2700

157.4022, 0.2942,
0.2997

■ 10.6219, 0.2675,
0.2601

195.0546, 0.2955,
0.3016

■ 5.8132, 0.2578,
0.2463

238.2782, 0.2966,
0.3034

■ 2.7318, 0.2429,
0.2260

287.4574, 0.2976,

■ 0.9934, 0.2178,

0.3049

0.1931

342.9768, 0.2984,
0.3062

0.0000, 0.0366,
0.0000

0.0000, 0.0000,
0.0000

54.8177, 0.2864,
0.2878

54.8177, 0.2864,
0.2878

43.2528, 0.2677,
0.2583

68.2333, 0.3032,
0.3142

33.4510, 0.2476,
0.2260

83.5687, 0.3181,
0.3373

25.3277, 0.2265,
0.1920

98.3814, 0.3286,
0.3552

18.7886, 0.2057,
0.1579

■ 13.7302, 0.1865,
0.1259

■ 10.0366, 0.1705,
0.0986

■ 7.5747, 0.1589,
0.0781

■ 6.1840, 0.1523,
0.0655

■ 5.8809, 0.1508,
0.0627

Harmonies

Analogous

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



54.8177, 0.2707, 0.2918



54.8177, 0.2864, 0.2878



54.8177, 0.3097, 0.2939

Triad

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



54.8177, 0.2864, 0.2878



54.8177, 0.3620, 0.3490



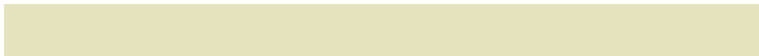
54.8177, 0.2903, 0.3507

Complementary

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



54.8177, 0.2864, 0.2878



74.6139, 0.3374, 0.3671

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.



54.8177, 0.3142, 0.3677



54.8177, 0.2864, 0.2878



54.8177, 0.3561, 0.3656

Square

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



54.8177, 0.2864, 0.2878



54.8177, 0.3541, 0.3283



54.8177, 0.3384, 0.3730



54.8177, 0.2729, 0.3276

Rectangle

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



54.8177, 0.2864, 0.2878



54.8177, 0.3265, 0.3029



54.8177, 0.3384, 0.3730



54.8177, 0.2979, 0.3574

Sweetspot

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



54.8200, 0.2864, 0.2878



90.2179, 0.3051, 0.3172



72.0224, 0.2896, 0.3317



19.0269, 0.3040, 0.3154



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.



54.8200, 0.2864, 0.2878



66.1407, 0.2812, 0.2796



56.1118, 0.2983, 0.2868



14.0150, 0.2980, 0.3061



3.4498, 0.1510, 0.0636



0.3005, 0.1538, 0.0736

Inverse Universe

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



57.5885, 0.3418, 0.3268



70.2834, 0.3482, 0.3264



73.2353, 0.3254, 0.3708



14.3809, 0.3284, 0.3277



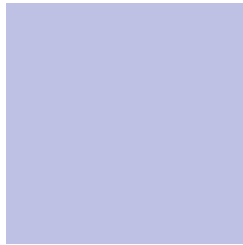
9.5460, 0.6340, 0.3266



0.7100, 0.6174, 0.3175

Previews

White Background



This preview shows how the Yxy color 54.8177, 0.2864, 0.2878 looks on a white background.

Color Contrast Check

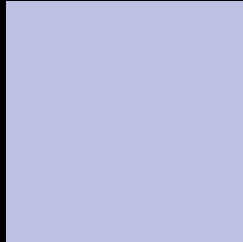
Large Text (above 18pt) WCAG AA × Fail

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 54.8177, 0.2864, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

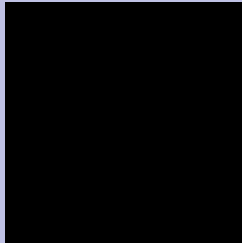
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8177, 0.2864, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 54.8177, 0.2864, 0.2878.



This preview shows how white text looks on a background with the Yxy color 54.8177, 0.2864, 0.2878.

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

54.8177, 0.2864, 0.2878

Protanopia

55.0038, 0.2850, 0.2888

Deuteranopia

54.8688, 0.2915, 0.2860



Tritanopia

54.8744, 0.2958, 0.3108

Trichromacy



Original Color

54.8177, 0.2864, 0.2878

Protanomaly

55.1322, 0.2858, 0.2889

Deuteranomaly

54.9028, 0.2893, 0.2869

Tritanomaly

54.8588, 0.2924, 0.3025

Monochromacy



Original Color

54.8177, 0.2864, 0.2878

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0536, 0.3025, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8177, 0.2864, 0.2878 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(191, 193, 228)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 228)  
}
```

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(191, 193, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 228) }
```

Border

The CSS property to change the border of an element to Yxy 54.8177, 0.2864, 0.2878 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(191, 193, 228) }
```

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

```
.border{ border-color:rgb(191, 193, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 193, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 193, 228); box-shadow:4px 4px 4px 4px rgb(191, 193, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8177, 0.2864, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 228) }
```

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

```
.background{ background-color: rgb(191,  
193, 228) }
```

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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