

Converting Colors

$Yxy(54.0484, 0.2825, 0.2903)$

Have a look what the booklet for
Yxy(54.0484, 0.2825, 0.2903)
contains.

Yxy(54.2649, 0.2827, 0.2907)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2649, 0.2827, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2E2
RGB	184, 194, 226
RGB Percent	72%, 76%, 89%
CMY	0.2787, 0.2391, 0.1138
CMYK	0.19, 0.14, 0.00, 0.11
HSL	226°, 42%, 80%
HSV	226°, 19%, 89%
XYZ	52.7715, 54.2649, 79.6333
YIQ	194.6580, -16.2320, 7.8320

Conversions

Conversions Part 2

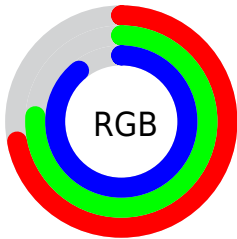
Format	Color
R _Y B	184, 192, 226
Decimal	12108514
CIE Lab	78.62, 3.12, -17.06
CIE LCh	79, 17.347, 280.375
Yxy	54.2649, 0.2827, 0.2907
Android (android.graphics.Color)	4290298594 (0xFFB8C2E2)
YUV	194.6580, 15.4516, -9.3471
Hunter-Lab	73.6647, -1.0404, -12.5286

Details

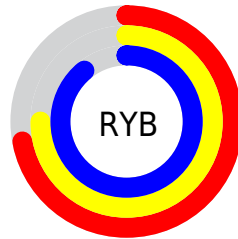
The Yxy color $54.2649, 0.2827, 0.2907$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $68.6782, 0.3426, 0.3646$, and the grayscale version is $54.2676, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1165, 0.3036, 0.3241$, and $26.7359, 0.2742, 0.2810$ is the 20% darker color. If you saturate the color by 10%, you get $44.4883, 0.2648, 0.2666$, and if you desaturate by 10%, it is $65.3751, 0.2994, 0.3123$.

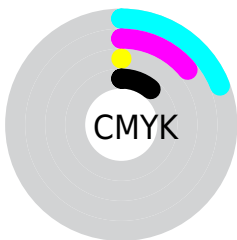
Distribution



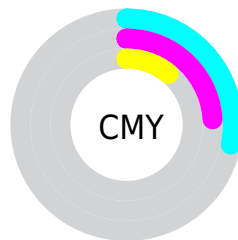
- Red (72%)
- Green (76%)
- Blue (89%)



- Red (72%)
- Yellow (75%)
- Blue (89%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2649, 0.2827, 0.2907 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 54.2649, 0.2827, 0.2907 by changing the saturation by 10% instead.

■ 54.2649, 0.2827,
0.2907

■ 54.2649, 0.2827,
0.2907

403.1194, 0.2973,
0.3091

■ 38.8135, 0.2792,
0.2863

■ 96.4631, 0.2879,
0.2972

■ 26.6147, 0.2748,
0.2809

123.9786, 0.2899,
0.2997

■ 17.2840, 0.2691,
0.2738

156.2844, 0.2916,
0.3018

■ 10.4372, 0.2614,
0.2643

193.7647, 0.2930,
0.3037

■ 5.6898, 0.2504,
0.2510

236.8039, 0.2943,
0.3053

■ 2.6574, 0.2338,
0.2311

285.7865, 0.2954,

■ 0.9556, 0.2058,

0.3067

0.1985

341.0969, 0.2964,
0.3080

0.0000, 0.0000,
0.0000

54.2649, 0.2827,
0.2907

54.2649, 0.2827,
0.2907

44.4883, 0.2648,
0.2666

65.3751, 0.2994,
0.3123

35.9875, 0.2460,
0.2403

77.8603, 0.3148,
0.3315

28.7102, 0.2269,
0.2122

91.7686, 0.3287,
0.3483

22.5980, 0.2083,
0.1834

98.2702, 0.3298,
0.3572

17.5872, 0.1912,
0.1550

■ 13.6076, 0.1766,
0.1285

■ 10.5799, 0.1654,
0.1055

■ 8.4020, 0.1578,
0.0872

■ 8.1530, 0.1570,
0.0850

Harmonies

Analogous

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



54.2649, 0.2709, 0.2976



54.2649, 0.2827, 0.2907



54.2649, 0.3027, 0.2935

Triad

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



54.2649, 0.2827, 0.2907



54.2649, 0.3576, 0.3419



54.2649, 0.2985, 0.3550

Complementary

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



54.2649, 0.2827, 0.2907



68.6782, 0.3426, 0.3646

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.



54.2649, 0.3214, 0.3678



54.2649, 0.2827, 0.2907



54.2649, 0.3561, 0.3591

Square

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



54.2649, 0.2827, 0.2907



54.2649, 0.3465, 0.3223



54.2649, 0.3427, 0.3689



54.2649, 0.2798, 0.3346

Rectangle

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



54.2649, 0.2827, 0.2907



54.2649, 0.3183, 0.3003



54.2649, 0.3427, 0.3689



54.2649, 0.3059, 0.3604

Sweetspot

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



54.2671, 0.2827, 0.2907



90.0179, 0.3035, 0.3175



69.4971, 0.2910, 0.3412



19.0436, 0.3025, 0.3162



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.



54.2671, 0.2827, 0.2907



66.6207, 0.2765, 0.2825



51.2693, 0.2900, 0.2794



13.7750, 0.2981, 0.3106



4.8061, 0.1576, 0.0874



0.4713, 0.1657, 0.1166

Inverse Universe

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



54.3138, 0.3405, 0.3176



66.8330, 0.3471, 0.3153



72.3613, 0.3329, 0.3764



13.7542, 0.3254, 0.3234



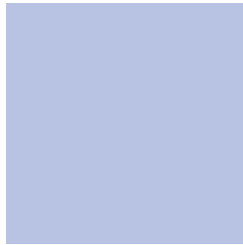
9.3932, 0.5952, 0.3053



0.6650, 0.5515, 0.2812

Previews

White Background



This preview shows how the Yxy color 54.2649, 0.2827, 0.2907 looks on a white background.

Color Contrast Check

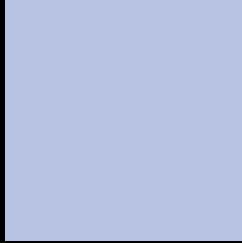
Large Text (above 18pt) WCAG AA × Fail

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 54.2649, 0.2827, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

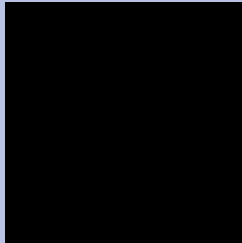
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2649, 0.2827, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 54.2649, 0.2827, 0.2907.



This preview shows how white text looks on a background with the Yxy color 54.2649, 0.2827, 0.2907.

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

54.2649, 0.2827, 0.2907

Protanopia

54.2675, 0.2862, 0.2909

Deuteranopia

54.3787, 0.2922, 0.2859



Tritanopia

54.0571, 0.2900, 0.3093

Trichromacy



Original Color

54.2649, 0.2827, 0.2907

Protanomaly

54.1410, 0.2855, 0.2908

Deuteranomaly

54.1451, 0.2885, 0.2867

Tritanomaly

53.9851, 0.2873, 0.3021

Monochromacy



Original Color

54.2649, 0.2827, 0.2907

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5628, 0.3016, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2649, 0.2827, 0.2907 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, 194, 226)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 226)  
}
```

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, 194, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.2649, 0.2827, 0.2907 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, 194, 226) }
```

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

```
.border{ border-color:rgb(184, 194, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 226);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2649, 0.2827, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 226) }
```

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

```
.background{ background-color: rgb(184,  
194, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor