

Converting Colors

Yxy(54.1752, 0.2843, 0.2853)

Have a look what the booklet for
Yxy(54.1752, 0.2843, 0.2853)
contains.

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Color

Yxy(54.1752, 0.2843, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	BDC0E5
RGB	189, 192, 229
RGB Percent	74%, 75%, 90%
CMY	0.2586, 0.2471, 0.1020
CMYK	0.17, 0.16, 0.00, 0.10
HSL	236°, 43%, 82%
HSV	236°, 17%, 90%
XYZ	53.9853, 54.1752, 81.7280
YIQ	195.3210, -13.6650, 10.8710

Conversions

Conversions Part 2

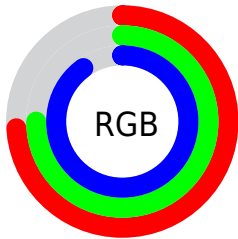
Format	Color
R _Y B	189, 192, 229
Decimal	12435685
CIE Lab	78.56, 6.48, -18.72
CIE LCh	79, 19.808, 289.082
Yxy	54.1752, 0.2843, 0.2853
Android (android.graphics.Color)	4290625765 (0xFFBDC0E5)
YUV	195.3210, 16.6037, -5.5435
Hunter-Lab	73.6038, 2.1156, -14.3116

Details

The Yxy color $54.1752, 0.2843, 0.2853$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.7460, 0.3394, 0.3692$, and the grayscale version is $54.6844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.9476, 0.3074, 0.3222$, and $26.6333, 0.2769, 0.2755$ is the 20% darker color. If you saturate the color by 10%, you get $42.8234, 0.2655, 0.2560$, and if you desaturate by 10%, it is $67.3360, 0.3013, 0.3115$.

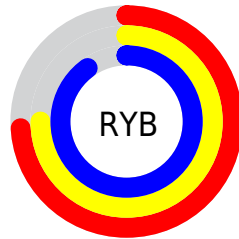
Distribution



Red (74%)

Green (75%)

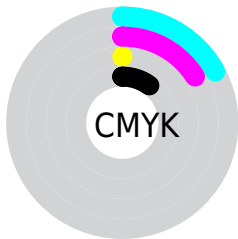
Blue (90%)



Red (74%)

Yellow (75%)

Blue (90%)

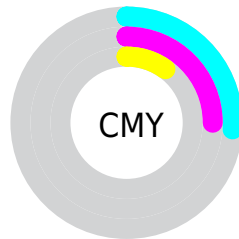


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (25%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1752, 0.2843, 0.2853 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 54.1752, 0.2843, 0.2853 by changing the saturation by 10% instead.

■ 54.1752, 0.2843,
0.2853

■ 54.1752, 0.2843,
0.2853

402.7777, 0.2981,
0.3061

■ 38.7417, 0.2810,
0.2804

■ 96.3314, 0.2892,
0.2927

■ 26.5589, 0.2768,
0.2743

123.8230, 0.2911,
0.2955

■ 17.2422, 0.2713,
0.2664

156.1028, 0.2927,
0.2979

■ 10.4073, 0.2639,
0.2559

193.5551, 0.2941,
0.3000

■ 5.6699, 0.2533,
0.2413

236.5643, 0.2953,
0.3018

■ 2.6454, 0.2373,
0.2197

285.5149, 0.2964,

■ 0.9495, 0.2103,

0.3034

0.1852

340.7913, 0.2973,
0.3049

0.0000, 0.0060,
0.0000

0.0000, 0.0000,
0.0000

54.1752, 0.2843,
0.2853

54.1752, 0.2843,
0.2853

42.8234, 0.2655,
0.2560

67.3360, 0.3013,
0.3115

33.1950, 0.2454,
0.2241

82.3731, 0.3164,
0.3346

25.2078, 0.2245,
0.1905

98.4363, 0.3280,
0.3542

18.7700, 0.2039,
0.1569

■ 13.7808, 0.1851,
0.1255

■ 10.1273, 0.1696,
0.0986

■ 7.6800, 0.1584,
0.0784

■ 6.2800, 0.1521,
0.0659

■ 6.0536, 0.1511,
0.0638

Harmonies

Analogous

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



54.1752, 0.2679, 0.2897



54.1752, 0.2843, 0.2853



54.1752, 0.3089, 0.2916

Triad

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



54.1752, 0.2843, 0.2853



54.1752, 0.3651, 0.3497



54.1752, 0.2894, 0.3526

Complementary

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



54.1752, 0.2843, 0.2853



74.7460, 0.3394, 0.3692

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.



54.1752, 0.3148, 0.3706



54.1752, 0.2843, 0.2853



54.1752, 0.3591, 0.3675

Square

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



54.1752, 0.2843, 0.2853



54.1752, 0.3564, 0.3277



54.1752, 0.3404, 0.3758



54.1752, 0.2707, 0.3280

Rectangle

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



54.1752, 0.2843, 0.2853



54.1752, 0.3268, 0.3010



54.1752, 0.3404, 0.3758



54.1752, 0.2974, 0.3597

Sweetspot

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



54.1774, 0.2843, 0.2853



90.3566, 0.3051, 0.3174



72.3271, 0.2884, 0.3327



19.0605, 0.3040, 0.3157



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.



54.1774, 0.2843, 0.2853



63.5536, 0.2776, 0.2748



55.1494, 0.2966, 0.2834



14.0569, 0.2980, 0.3065



3.5265, 0.1514, 0.0648



0.3207, 0.1550, 0.0778

Inverse Universe

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



56.8768, 0.3438, 0.3258



67.6705, 0.3521, 0.3251



73.7545, 0.3268, 0.3740



14.3851, 0.3281, 0.3273



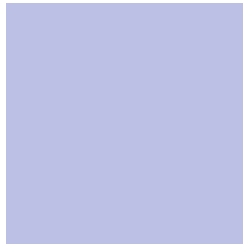
9.5537, 0.6319, 0.3255



0.7120, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 54.1752, 0.2843, 0.2853 looks on a white background.

Color Contrast Check

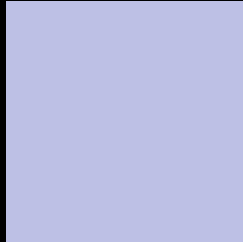
Large Text (above 18pt) WCAG AA × Fail

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 54.1752, 0.2843, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

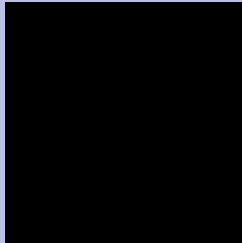
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1752, 0.2843, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 54.1752, 0.2843, 0.2853.



This preview shows how white text looks on a background with the Yxy color 54.1752, 0.2843, 0.2853.

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

54.1752, 0.2843, 0.2853

Protanopia

54.3619, 0.2829, 0.2863

Deuteranopia

54.2198, 0.2893, 0.2835



Tritanopia

54.1725, 0.2943, 0.3094

Trichromacy



Original Color

54.1752, 0.2843, 0.2853

Protanomaly

54.4884, 0.2836, 0.2864

Deuteranomaly

54.2562, 0.2871, 0.2845

Tritanomaly

54.2103, 0.2902, 0.3000

Monochromacy



Original Color

54.1752, 0.2843, 0.2853

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4260, 0.3024, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1752, 0.2843, 0.2853 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(189, 192, 229)` looks like.

```
.text, #text, p{  
    color:rgb(189, 192, 229)  
}
```

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(189, 192, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 192, 229) }
```

Border

The CSS property to change the border of an element to Yxy 54.1752, 0.2843, 0.2853 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(189, 192, 229) }
```

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

```
.border{ border-color:rgb(189, 192, 229) }
```

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

Here you see how a box with a 4 pixel rgb(189, 192, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 192, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 192, 229);  
box-shadow:4px 4px 4px 4px rgb(189, 192,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1752, 0.2843, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 192, 229) }
```

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

```
.background{ background-color: rgb(189,  
192, 229) }
```

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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