

Converting Colors

$Yxy(56.3133, 0.2769, 0.2856)$

Have a look what the booklet for
Yxy(56.3133, 0.2769, 0.2856)
contains.

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Color

Yxy(56.4536, 0.2767, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	B7C6EB
RGB	183, 198, 235
RGB Percent	72%, 78%, 92%
CMY	0.2820, 0.2236, 0.0784
CMYK	0.22, 0.16, 0.00, 0.08
HSL	223°, 57%, 82%
HSV	223°, 22%, 92%
XYZ	54.7327, 56.4536, 86.6189
YIQ	197.7330, -20.8170, 8.3270

Conversions

Conversions Part 2

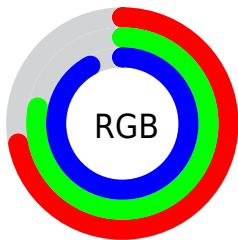
Format	Color
RYB	183, 195, 235
Decimal	12044011
CIELab	79.87, 2.74, -20.02
CIElCh	80, 20.208, 277.799
Yxy	56.4536, 0.2767, 0.2854
Android (android.graphics.Color)	4290234091 (0xFFB7C6EB)
YUV	197.7330, 18.3726, -12.9208
Hunter-Lab	75.1356, -1.4586, -15.7566

Details

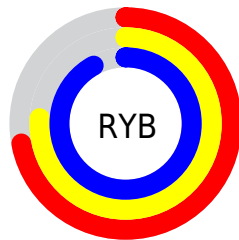
The Yxy color **56.4536, 0.2767, 0.2854** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3307, 0.3493, 0.3691**, and the grayscale version is **56.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **27.8683, 0.2673, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **46.5684, 0.2587, 0.2620**, and if you desaturate by 10%, it is **67.6721, 0.2937, 0.3065**.

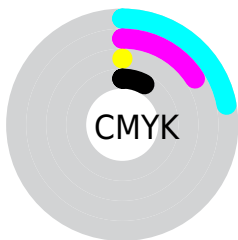
Distribution



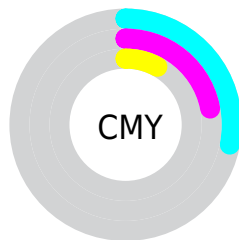
- Red (72%)
- Green (78%)
- Blue (92%)



- Red (72%)
- Yellow (76%)
- Blue (92%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (28%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4536, 0.2767, 0.2854 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 56.4536, 0.2767, 0.2854 by changing the saturation by 10% instead.

■ 56.4536, 0.2767,
0.2854

■ 56.4536, 0.2767,
0.2854

411.3987, 0.2940,
0.3062

■ 40.5667, 0.2726,
0.2805

■ 99.6675, 0.2828,
0.2927

■ 27.9807, 0.2675,
0.2744

127.7633, 0.2852,
0.2955

■ 18.3111, 0.2608,
0.2666

160.6975, 0.2872,
0.2979

■ 11.1736, 0.2520,
0.2563

198.8545, 0.2889,
0.3000

■ 6.1837, 0.2397,
0.2419

242.6187, 0.2904,
0.3018

■ 2.9571, 0.2213,
0.2209

292.3746, 0.2918,

■ 1.1094, 0.1917,

0.3035

0.1875

348.5065, 0.2929,
0.3049

0.0000, 0.0356,
0.0000

0.0000, 0.0000,
0.0000

56.4536, 0.2767,
0.2854

56.4536, 0.2767,
0.2854

46.5684, 0.2587,
0.2620

67.6721, 0.2937,
0.3065

37.9583, 0.2402,
0.2367

80.2655, 0.3096,
0.3253

30.5707, 0.2217,
0.2099

94.2819, 0.3241,
0.3419

24.3466, 0.2041,
0.1824

98.7790, 0.3244,
0.3483

■ 19.2215, 0.1882,
0.1556

■ 15.1236, 0.1750,
0.1305

■ 11.9709, 0.1651,
0.1087

■ 10.0662, 0.1595,
0.0943

Harmonies

Analogous

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



56.4536, 0.2643, 0.2941



56.4536, 0.2767, 0.2854



56.4536, 0.2989, 0.2878

Triad

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



56.4536, 0.2767, 0.2854



56.4536, 0.3639, 0.3417



56.4536, 0.2984, 0.3608

Complementary

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



56.4536, 0.2767, 0.2854



72.3307, 0.3493, 0.3691

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.



56.4536, 0.3249, 0.3745



56.4536, 0.2767, 0.2854



56.4536, 0.3634, 0.3619

Square

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



56.4536, 0.2767, 0.2854



56.4536, 0.3499, 0.3194



56.4536, 0.3488, 0.3744



56.4536, 0.2764, 0.3375

Rectangle

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



56.4536, 0.2767, 0.2854



56.4536, 0.3167, 0.2951



56.4536, 0.3488, 0.3744



56.4536, 0.3071, 0.3667

Sweetspot

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



56.4559, 0.2767, 0.2854



88.9170, 0.3019, 0.3163



74.6389, 0.2886, 0.3468



18.8357, 0.3009, 0.3152



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.



56.4559, 0.2767, 0.2854



61.7763, 0.2678, 0.2739



51.2968, 0.2830, 0.2685



15.2530, 0.2980, 0.3117



5.7904, 0.1603, 0.0970



0.6143, 0.1678, 0.1240

Inverse Universe

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



55.6401, 0.3450, 0.3126



60.8928, 0.3547, 0.3087



78.7945, 0.3386, 0.3855



15.1251, 0.3248, 0.3223



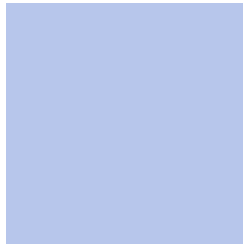
10.0773, 0.5805, 0.2971



0.8074, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 56.4536, 0.2767, 0.2854 looks on a white background.

Color Contrast Check

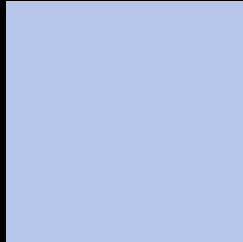
Large Text (above 18pt) WCAG AA × Fail

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 56.4536, 0.2767, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

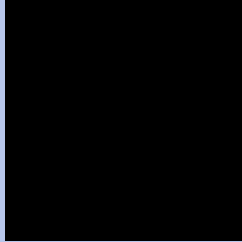
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4536, 0.2767, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 56.4536, 0.2767, 0.2854.



This preview shows how white text looks on a background with the Yxy color 56.4536, 0.2767, 0.2854.

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

56.4536, 0.2767, 0.2854

Protanopia

56.3675, 0.2820, 0.2847

Deuteranopia

56.2018, 0.2862, 0.2798



Tritanopia

56.4863, 0.2862, 0.3095

Trichromacy



Original Color

56.4536, 0.2767, 0.2854

Protanomaly

56.4378, 0.2800, 0.2857

Deuteranomaly

56.4238, 0.2828, 0.2816

Tritanomaly

56.5141, 0.2823, 0.3001

Monochromacy



Original Color

56.4536, 0.2767, 0.2854

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4288, 0.2996, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4536, 0.2767, 0.2854 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(183, 198, 235)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 235)  
}
```

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(183, 198, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 235) }
```

Border

The CSS property to change the border of an element to Yxy 56.4536, 0.2767, 0.2854 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(183, 198, 235) }
```

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

```
.border{ border-color:rgb(183, 198, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 198, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 198, 235); box-shadow:4px 4px 4px 4px rgb(183, 198, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4536, 0.2767, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 235) }
```

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

```
.background{ background-color: rgb(183,  
198, 235) }
```

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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