

Converting Colors

Yxy(54.2216, 0.2708, 0.2725)

Have a look what the booklet for
Yxy(54.2216, 0.2708, 0.2725)
contains.

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Color

Yxy(54.3146, 0.2711, 0.2727)

Conversions

Conversions Part 1

Format	Color
Hex	B5C1F1
RGB	181, 193, 241
RGB Percent	71%, 76%, 95%
CMY	0.2904, 0.2431, 0.0549
CMYK	0.25, 0.20, 0.00, 0.05
HSL	228°, 68%, 83%
HSV	228°, 25%, 95%
XYZ	53.9959, 54.3146, 90.8629
YIQ	194.8840, -22.5600, 12.3840

Conversions

Conversions Part 2

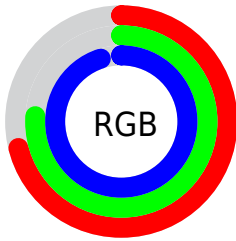
Format	Color
R _Y B	181, 191, 241
Decimal	11911665
CIE Lab	78.64, 6.15, -25.11
CIE LCh	79, 25.857, 283.767
Yxy	54.3146, 0.2711, 0.2727
Android (android.graphics.Color)	4290101745 (0xFFB5C1F1)
YUV	194.8840, 22.7352, -12.1763
Hunter-Lab	73.6984, 1.8076, -21.5098

Details

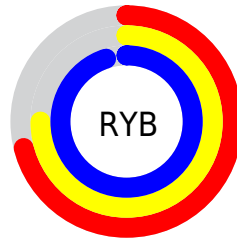
The Yxy color $54.3146, 0.2711, 0.2727$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $78.0469, 0.3532, 0.3796$, and the grayscale version is $54.3703, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1485, 0.3024, 0.3231$, and $26.7710, 0.2603, 0.2591$ is the 20% darker color. If you saturate the color by 10%, you get $43.6825, 0.2522, 0.2457$, and if you desaturate by 10%, it is $66.5640, 0.2889, 0.2973$.

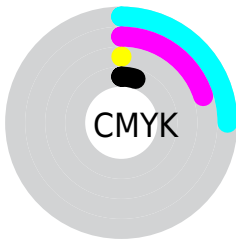
Distribution



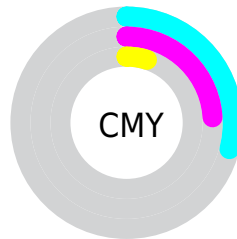
- Red (71%)
- Green (76%)
- Blue (95%)



- Red (71%)
- Yellow (75%)
- Blue (95%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3146, 0.2711, 0.2727 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 54.3146, 0.2711, 0.2727 by changing the saturation by 10% instead.

■ 54.3146, 0.2711,
0.2727

■ 54.3146, 0.2711,
0.2727

403.3085, 0.2912,
0.2994

■ 38.8532, 0.2663,
0.2665

■ 96.5360, 0.2782,
0.2821

■ 26.6456, 0.2603,
0.2587

124.0648, 0.2810,
0.2857

■ 17.3072, 0.2526,
0.2489

156.3850, 0.2833,
0.2888

■ 10.4538, 0.2422,
0.2359

193.8808, 0.2853,
0.2915

■ 5.7008, 0.2278,
0.2181

236.9366, 0.2871,
0.2938

■ 2.6640, 0.2066,
0.1926

285.9369, 0.2886,

■ 0.9590, 0.1729,

0.2959

0.1536

341.2661, 0.2900,
0.2977

0.0000, 0.0044,
0.0000

0.0000, 0.0000,
0.0000

54.3146, 0.2711,
0.2727

54.3146, 0.2711,
0.2727

43.6825, 0.2522,
0.2457

66.5640, 0.2889,
0.2973

34.5927, 0.2326,
0.2166

80.4885, 0.3052,
0.3192

26.9738, 0.2132,
0.1865

96.1510, 0.3201,
0.3385

20.7463, 0.1950,
0.1566

99.1314, 0.3209,
0.3425

■ 15.8224, 0.1791,
0.1287

■ 12.1039, 0.1665,
0.1044

■ 9.4767, 0.1579,
0.0853

■ 8.4982, 0.1549,
0.0777

Harmonies

Analogous

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



54.3146, 0.2526, 0.2804



54.3146, 0.2711, 0.2727



54.3146, 0.3013, 0.2787

Triad

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



54.3146, 0.2711, 0.2727



54.3146, 0.3807, 0.3502



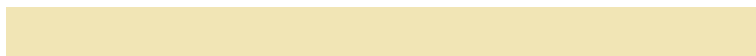
54.3146, 0.2876, 0.3653

Complementary

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



54.3146, 0.2711, 0.2727



78.0469, 0.3532, 0.3796

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.



54.3146, 0.3212, 0.3865



54.3146, 0.2711, 0.2727



54.3146, 0.3759, 0.3752

Square

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



54.3146, 0.2711, 0.2727



54.3146, 0.3659, 0.3218



54.3146, 0.3537, 0.3895



54.3146, 0.2616, 0.3331

Rectangle

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



54.3146, 0.2711, 0.2727



54.3146, 0.3246, 0.2894



54.3146, 0.3537, 0.3895



54.3146, 0.2983, 0.3741

Sweetspot

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



54.3168, 0.2711, 0.2727



88.0040, 0.3019, 0.3148



78.3355, 0.2830, 0.3436



18.6248, 0.3010, 0.3135



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.



54.3168, 0.2711, 0.2727



55.2669, 0.2614, 0.2590



51.3829, 0.2822, 0.2605



15.7427, 0.2980, 0.3095



4.7591, 0.1555, 0.0799



0.5320, 0.1619, 0.1026

Inverse Universe

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



55.5830, 0.3549, 0.3160



57.1890, 0.3667, 0.3131



82.0965, 0.3384, 0.3938



15.8107, 0.3262, 0.3243



10.2738, 0.6072, 0.3118



0.8684, 0.5719, 0.2924

Previews

White Background



This preview shows how the Yxy color 54.3146, 0.2711, 0.2727 looks on a white background.

Color Contrast Check

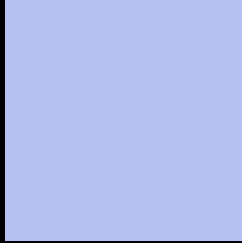
Large Text (above 18pt) WCAG AA × Fail

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 54.3146, 0.2711, 0.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

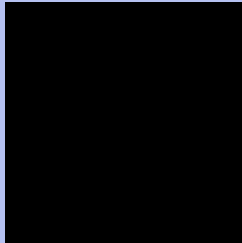
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3146, 0.2711, 0.2727

Background



This preview shows how black text looks on a background with the Yxy color 54.3146, 0.2711, 0.2727.



This preview shows how white text looks on a background with the Yxy color 54.3146, 0.2711, 0.2727.

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

54.3146, 0.2711, 0.2727

Protanopia

54.1174, 0.2724, 0.2717

Deuteranopia

54.0565, 0.2758, 0.2689



Tritanopia

54.4733, 0.2851, 0.3092

Trichromacy



Original Color

54.3146, 0.2711, 0.2727

Protanomaly

53.9952, 0.2717, 0.2716

Deuteranomaly

54.1115, 0.2738, 0.2698

Tritanomaly

54.3267, 0.2799, 0.2950

Monochromacy



Original Color

54.3146, 0.2711, 0.2727

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2842, 0.2966, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3146, 0.2711, 0.2727 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(181, 193, 241)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 241)  
}
```

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(181, 193, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 241) }
```

Border

The CSS property to change the border of an element to Yxy 54.3146, 0.2711, 0.2727 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(181, 193, 241) }
```

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

```
.border{ border-color:rgb(181, 193, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 193, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 241);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3146, 0.2711, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 241) }
```

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

```
.background{ background-color: rgb(181,  
193, 241) }
```

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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