

Converting Colors

$Yxy(54.2839, 0.2636, 0.2556)$

Have a look what the booklet for
Yxy(54.2839, 0.2636, 0.2556)
contains.

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Color

Yxy(54.4267, 0.2633, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFFF
RGB	182, 191, 255
RGB Percent	71%, 75%, 100%
CMY	0.2865, 0.2509, 0.0001
CMYK	0.29, 0.25, 0.00, 0.00
HSL	233°, 100%, 86%
HSV	233°, 29%, 100%
XYZ	55.9569, 54.4267, 102.1377
YIQ	195.6050, -25.9080, 17.9960

Conversions

Conversions Part 2

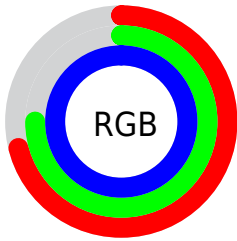
Format	Color
R_{YB}	182, 190, 255
Decimal	11976703
CIE _{Lab}	78.71, 10.83, -32.49
CIE _{LCh}	79, 34.245, 288.430
Yxy	54.4267, 0.2633, 0.2561
Android (android.graphics.Color)	4290166783 (0xFFB6BFFF)
YUV	195.6050, 29.2817, -11.9316
Hunter-Lab	73.7745, 6.2844, -30.4425

Details

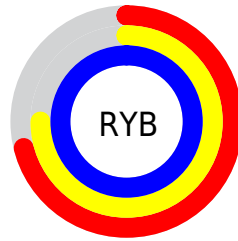
The Yxy color $54.4267, 0.2633, 0.2561$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.4690, 0.3585, 0.3927$, and the grayscale version is $54.7819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.0923, 0.3030, 0.3211$, and $26.7662, 0.2505, 0.2392$ is the 20% darker color. If you saturate the color by 10%, you get $42.5954, 0.2433, 0.2254$, and if you desaturate by 10%, it is $68.3114, 0.2821, 0.2843$.

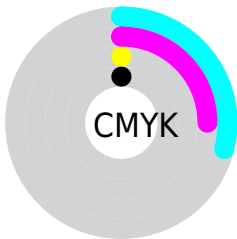
Distribution



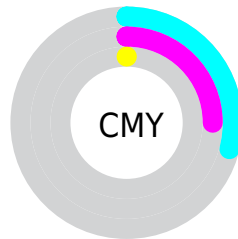
- Red (71%)
- Green (75%)
- Blue (100%)



- Red (71%)
- Yellow (75%)
- Blue (100%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4267, 0.2633, 0.2561 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 54.4267, 0.2633, 0.2561 by changing the saturation by 10% instead.

■ 54.4267, 0.2633,
0.2561

■ 54.4267, 0.2633,
0.2561

403.7351, 0.2871,
0.2901

■ 38.9429, 0.2577,
0.2483

■ 96.7005, 0.2717,
0.2679

■ 26.7153, 0.2506,
0.2388

124.2592, 0.2750,
0.2725

■ 17.3595, 0.2416,
0.2268

156.6118, 0.2777,
0.2765

■ 10.4912, 0.2297,
0.2113

194.1425, 0.2801,
0.2799

■ 5.7258, 0.2134,
0.1906

237.2358, 0.2822,
0.2829

■ 2.6791, 0.1899,
0.1620

286.2761, 0.2841,

■ 0.9666, 0.1544,

0.2856

0.1215

341.6477, 0.2857,
0.2880

0.0000, 0.0465,
0.0000

0.0000, 0.0000,
0.0000

54.4267, 0.2633,
0.2561

54.4267, 0.2633,
0.2561

42.5954, 0.2433,
0.2254

68.3114, 0.2821,
0.2843

32.7135, 0.2228,
0.1932

84.3342, 0.2993,
0.3096

24.6773, 0.2028,
0.1607

99.9981, 0.3127,
0.3290

18.3711, 0.1847,
0.1301

■ 13.6656, 0.1697,
0.1034

■ 10.4130, 0.1589,
0.0827

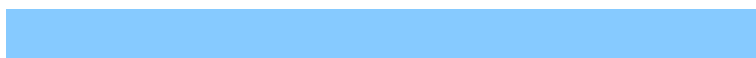
■ 8.4282, 0.1527,
0.0689

■ 8.2365, 0.1521,
0.0675

Harmonies

Analogous

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



54.4267, 0.2371, 0.2624



54.4267, 0.2633, 0.2561



54.4267, 0.3042, 0.2666

Triad

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



54.4267, 0.2633, 0.2561



54.4267, 0.4036, 0.3609



54.4267, 0.2730, 0.3715

Complementary

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



54.4267, 0.2633, 0.2561



90.4690, 0.3585, 0.3927

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.



54.4267, 0.3159, 0.4037



54.4267, 0.2633, 0.2561



54.4267, 0.3926, 0.3929

Square

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



54.4267, 0.2633, 0.2561



54.4267, 0.3880, 0.3244



54.4267, 0.3599, 0.4104



54.4267, 0.2421, 0.3267

Rectangle

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



54.4267, 0.2633, 0.2561



54.4267, 0.3353, 0.2816



54.4267, 0.3599, 0.4104



54.4267, 0.2864, 0.3845

Sweetspot

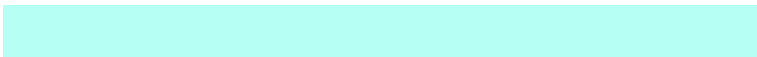
The Sweet Spot groups the original color and five complimentary colors.



54.4288, 0.2633, 0.2561



83.7470, 0.2987, 0.3087



88.0453, 0.2758, 0.3394



17.3994, 0.2963, 0.3052



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.



54.4288, 0.2633, 0.2561



47.8536, 0.2527, 0.2399



54.1628, 0.2810, 0.2496



17.7418, 0.2979, 0.3075



4.4176, 0.1525, 0.0691



0.5395, 0.1567, 0.0842

Inverse Universe

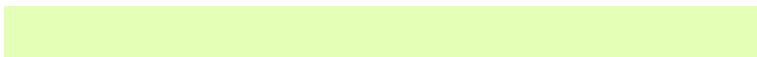
The Inverse Universe completely reimagines the original color for something new.



58.4478, 0.3684, 0.3197



52.6344, 0.3831, 0.3179



91.4012, 0.3381, 0.4053



18.0238, 0.3275, 0.3261



11.1739, 0.6248, 0.3215



1.0990, 0.6003, 0.3080

Previews

White Background



This preview shows how the Yxy color 54.4267, 0.2633, 0.2561 looks on a white background.

Color Contrast Check

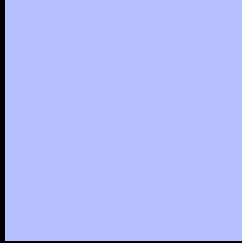
Large Text (above 18pt) WCAG AA × Fail

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 54.4267, 0.2633, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

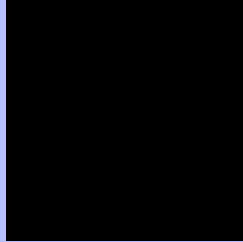
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4267, 0.2633, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 54.4267, 0.2633, 0.2561.



This preview shows how white text looks on a background with the Yxy color 54.4267, 0.2633, 0.2561.

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

54.4267, 0.2633, 0.2561

Protanopia

54.3843, 0.2609, 0.2567

Deuteranopia

54.3054, 0.2627, 0.2559



Tritanopia

54.7006, 0.2838, 0.3103

Trichromacy



Original Color

54.4267, 0.2633, 0.2561

Protanomaly

54.5030, 0.2615, 0.2569

Deuteranomaly

54.3054, 0.2627, 0.2559

Tritanomaly

54.4841, 0.2761, 0.2892

Monochromacy



Original Color

54.4267, 0.2633, 0.2561

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6697, 0.2939, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4267, 0.2633, 0.2561 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(182, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 255)  
}
```

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(182, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4267, 0.2633, 0.2561 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(182, 191, 255) }
```

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

```
.border{ border-color:rgb(182, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4267, 0.2633, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 255) }
```

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

```
.background{ background-color: rgb(182,  
191, 255) }
```

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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