

Converting Colors

$Yxy(54.7784, 0.2634, 0.2723)$

Have a look what the booklet for
Yxy(54.7784, 0.2634, 0.2723)
contains.

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Color

Yxy(54.6694, 0.2632, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	ABC4F4
RGB	171, 196, 244
RGB Percent	67%, 77%, 96%
CMY	0.3290, 0.2315, 0.0431
CMYK	0.30, 0.20, 0.00, 0.04
HSL	220°, 77%, 81%
HSV	220°, 30%, 96%
XYZ	52.8812, 54.6694, 93.3659
YIQ	193.9970, -30.3080, 9.6280

Conversions

Conversions Part 2

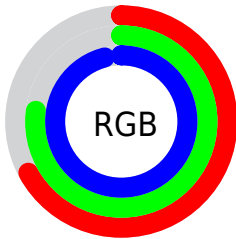
Format	Color
R _Y B	171, 190, 244
Decimal	11257076
CIE Lab	78.85, 2.40, -26.47
CIE LCh	79, 26.581, 275.175
Yxy	54.6694, 0.2632, 0.2721
Android (android.graphics.Color)	4289447156 (0xFFABC4F4)
YUV	193.9970, 24.6515, -20.1684
Hunter-Lab	73.9388, -1.7290, -23.1111

Details

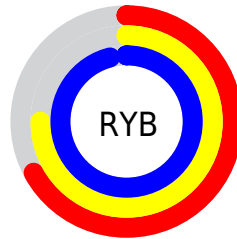
The Yxy color **54.6694, 0.2632, 0.2721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.9164, 0.3650, 0.3799**, and the grayscale version is **53.8227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9645, 0.2964, 0.3270**, and **26.7587, 0.2503, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **45.3104, 0.2452, 0.2491**, and if you desaturate by 10%, it is **65.3157, 0.2807, 0.2932**.

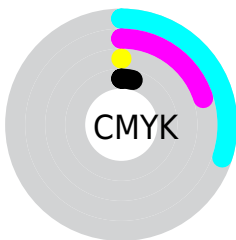
Distribution



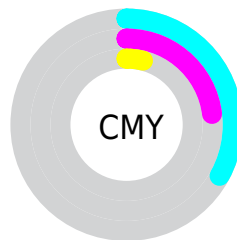
- Red (67%)
- Green (77%)
- Blue (96%)



- Red (67%)
- Yellow (75%)
- Blue (96%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6694, 0.2632, 0.2721 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 54.6694, 0.2632, 0.2721 by changing the saturation by 10% instead.

■ 54.6694, 0.2632,
0.2721

■ 54.6694, 0.2632,
0.2721

404.6575, 0.2869,
0.2992

■ 39.1371, 0.2576,
0.2658

■ 97.0564, 0.2716,
0.2816

■ 26.8664, 0.2506,
0.2579

124.6799, 0.2748,
0.2853

■ 17.4729, 0.2417,
0.2478

157.1026, 0.2776,
0.2884

■ 10.5722, 0.2298,
0.2346

194.7088, 0.2799,
0.2912

■ 5.7800, 0.2135,
0.2165

237.8831, 0.2820,
0.2935

■ 2.7118, 0.1898,
0.1904

287.0096, 0.2839,

■ 0.9832, 0.1533,

0.2956

0.1509

342.4730, 0.2855,
0.2975

0.0000, 0.0000,
0.0000

54.6694, 0.2632,
0.2721

54.6694, 0.2632,
0.2721

45.3104, 0.2452,
0.2491

65.3157, 0.2807,
0.2932

37.1801, 0.2273,
0.2245

77.2919, 0.2973,
0.3123

30.2243, 0.2101,
0.1990

90.6465, 0.3129,
0.3292

24.3820, 0.1944,
0.1734

99.3127, 0.3191,
0.3395

19.5855, 0.1810,
0.1489

■ 15.7577, 0.1705,
0.1265

■ 12.7889, 0.1631,
0.1072

■ 12.7579, 0.1631,
0.1070

Harmonies

Analogous

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



54.6694, 0.2485, 0.2841



54.6694, 0.2632, 0.2721



54.6694, 0.2912, 0.2744

Triad

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



54.6694, 0.2632, 0.2721



54.6694, 0.3801, 0.3424



54.6694, 0.2963, 0.3741

Complementary

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



54.6694, 0.2632, 0.2721



72.9164, 0.3650, 0.3799

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.



54.6694, 0.3314, 0.3910



54.6694, 0.2632, 0.2721



54.6694, 0.3809, 0.3697

Square

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



54.6694, 0.2632, 0.2721



54.6694, 0.3598, 0.3136



54.6694, 0.3627, 0.3884



54.6694, 0.2667, 0.3431

Rectangle

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



54.6694, 0.2632, 0.2721



54.6694, 0.3145, 0.2831



54.6694, 0.3627, 0.3884



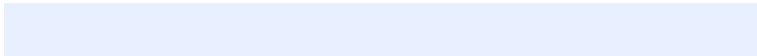
54.6694, 0.3078, 0.3818

Sweetspot

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



54.6716, 0.2632, 0.2721



86.6337, 0.2987, 0.3138



78.4690, 0.2827, 0.3584



18.1059, 0.2964, 0.3112



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.



54.6716, 0.2632, 0.2721



53.8430, 0.2521, 0.2580



45.6460, 0.2676, 0.2433



16.8509, 0.2980, 0.3130



7.1632, 0.1639, 0.1099



0.8128, 0.1707, 0.1347

Inverse Universe

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



52.3843, 0.3569, 0.3023



51.4439, 0.3698, 0.2965



84.9930, 0.3502, 0.4058



16.5758, 0.3240, 0.3210



10.8225, 0.5612, 0.2865



0.9697, 0.5263, 0.2673

Previews

White Background



This preview shows how the Yxy color 54.6694, 0.2632, 0.2721 looks on a white background.

Color Contrast Check

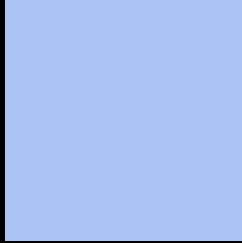
Large Text (above 18pt) WCAG AA × Fail

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 54.6694, 0.2632, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

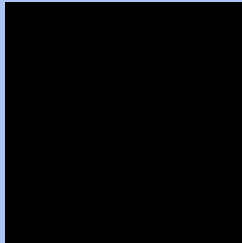
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

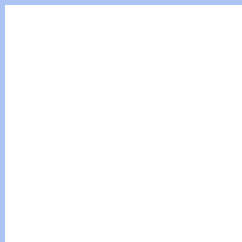
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6694, 0.2632, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 54.6694, 0.2632, 0.2721.



This preview shows how white text looks on a background with the Yxy color 54.6694, 0.2632, 0.2721.

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

54.6694, 0.2632, 0.2721

Protanopia

54.6180, 0.2719, 0.2719

Deuteranopia

54.5455, 0.2733, 0.2669



Tritanopia

54.7824, 0.2759, 0.3089

Trichromacy



Original Color

54.6694, 0.2632, 0.2721

Protanomaly

54.6383, 0.2687, 0.2716

Deuteranomaly

54.6776, 0.2694, 0.2686

Tritanomaly

54.6084, 0.2709, 0.2945

Monochromacy



Original Color

54.6694, 0.2632, 0.2721

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2228, 0.2936, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6694, 0.2632, 0.2721 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(171, 196, 244)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 244)  
}
```

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(171, 196, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 244) }
```

Border

The CSS property to change the border of an element to Yxy 54.6694, 0.2632, 0.2721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

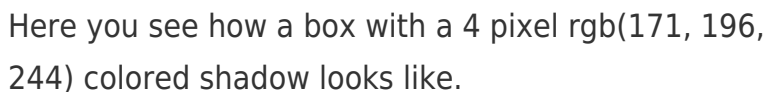
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 196, 244) }
```

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

```
.border{ border-color:rgb(171, 196, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 196, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 196, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 196, 244);  
box-shadow:4px 4px 4px 4px rgb(171, 196,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6694, 0.2632, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 244) }
```

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

```
.background{ background-color: rgb(171,  
196, 244) }
```

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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