

Converting Colors

Yxy(54.4426, 0.2594, 0.2722)

Have a look what the booklet for
Yxy(54.4426, 0.2594, 0.2722)
contains.

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Color

Yxy(54.4635, 0.2595, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	A5C5F4
RGB	165, 197, 244
RGB Percent	65%, 77%, 96%
CMY	0.3531, 0.2274, 0.0431
CMYK	0.32, 0.19, 0.00, 0.04
HSL	216°, 78%, 80%
HSV	216°, 32%, 96%
XYZ	51.8082, 54.4635, 93.3746
YIQ	192.7900, -34.1590, 7.8330

Conversions

Conversions Part 2

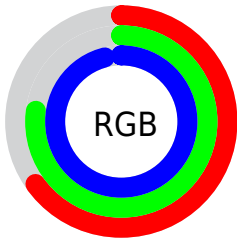
Format	Color
R _Y B	165, 188, 244
Decimal	10864116
CIE Lab	78.73, 0.11, -26.68
CIE LCh	79, 26.685, 270.239
Yxy	54.4635, 0.2595, 0.2728
Android (android.graphics.Color)	4289054196 (0xFFA5C5F4)
YUV	192.7900, 25.2465, -24.3718
Hunter-Lab	73.7994, -3.8394, -23.3570

Details

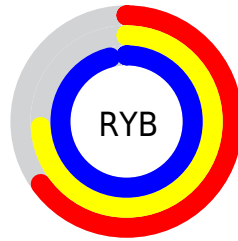
The Yxy color **54.4635, 0.2595, 0.2728** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.0209, 0.3716, 0.3792**, and the grayscale version is **53.0612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6332, 0.2929, 0.3279**, and **26.6553, 0.2460, 0.2576** is the 20% darker color. If you saturate the color by 10%, you get **45.8188, 0.2421, 0.2517**, and if you desaturate by 10%, it is **64.2458, 0.2767, 0.2922**.

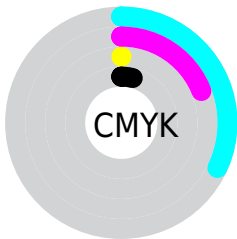
Distribution



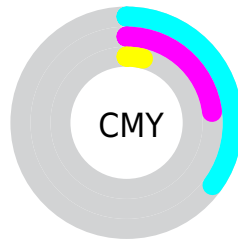
- Red (65%)
- Green (77%)
- Blue (96%)



- Red (65%)
- Yellow (74%)
- Blue (96%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4635, 0.2595, 0.2728 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 54.4635, 0.2595, 0.2728 by changing the saturation by 10% instead.

■ 54.4635, 0.2595,
0.2728

■ 54.4635, 0.2595,
0.2728

■ 403.8750, 0.2850,
0.2997

■ 38.9723, 0.2535,
0.2665

■ 96.7545, 0.2685,
0.2823

■ 26.7382, 0.2461,
0.2586

■ 124.3230, 0.2719,
0.2859

■ 17.3767, 0.2365,
0.2486

■ 156.6862, 0.2749,
0.2890

■ 10.5034, 0.2239,
0.2353

■ 194.2284, 0.2774,
0.2917

■ 5.7340, 0.2067,
0.2170

■ 237.3340, 0.2797,
0.2941

■ 2.6840, 0.1817,
0.1908

■ 286.3874, 0.2816,

■ 0.9691, 0.1438,

0.2962

0.1508

341.7729, 0.2834,
0.2980

0.0000, 0.0000,
0.0000

54.4635, 0.2595,
0.2728

54.4635, 0.2595,
0.2728

45.8188, 0.2421,
0.2517

64.2458, 0.2767,
0.2922

38.2590, 0.2251,
0.2294

75.2026, 0.2933,
0.3098

31.7363, 0.2091,
0.2061

87.3769, 0.3091,
0.3255

26.1960, 0.1947,
0.1828

99.3121, 0.3191,
0.3395

21.5769, 0.1827,
0.1603

■ 17.8083, 0.1734,
0.1393

■ 15.4395, 0.1680,
0.1248

Harmonies

Analogous

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



54.4635, 0.2473, 0.2872



54.4635, 0.2595, 0.2728



54.4635, 0.2858, 0.2728

Triad

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



54.4635, 0.2595, 0.2728



54.4635, 0.3783, 0.3376



54.4635, 0.3019, 0.3784

Complementary

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



54.4635, 0.2595, 0.2728



69.0209, 0.3716, 0.3792

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.



54.4635, 0.3372, 0.3922



54.4635, 0.2595, 0.2728



54.4635, 0.3826, 0.3657

Square

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



54.4635, 0.2595, 0.2728



54.4635, 0.3552, 0.3090



54.4635, 0.3671, 0.3865



54.4635, 0.2707, 0.3488

Rectangle

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



54.4635, 0.2595, 0.2728



54.4635, 0.3086, 0.2803



54.4635, 0.3671, 0.3865



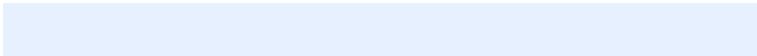
54.4635, 0.3136, 0.3852

Sweetspot

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



54.4656, 0.2595, 0.2728



86.1847, 0.2971, 0.3137



77.4088, 0.2833, 0.3677



18.0551, 0.2948, 0.3114



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.



54.4656, 0.2595, 0.2728



53.6619, 0.2479, 0.2589



42.1528, 0.2593, 0.2340



17.0296, 0.2980, 0.3145



8.6464, 0.1688, 0.1278



0.9562, 0.1757, 0.1524

Inverse Universe

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



50.1660, 0.3572, 0.2946



48.8655, 0.3703, 0.2872



85.4982, 0.3570, 0.4113



16.5939, 0.3230, 0.3194



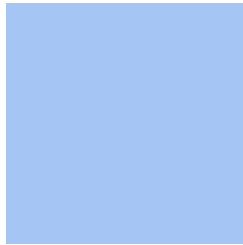
10.9722, 0.5358, 0.2725



0.9842, 0.5028, 0.2544

Previews

White Background



This preview shows how the Yxy color 54.4635, 0.2595, 0.2728 looks on a white background.

Color Contrast Check

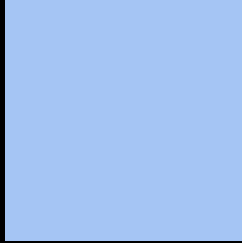
Large Text (above 18pt) WCAG AA × Fail

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 54.4635, 0.2595, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

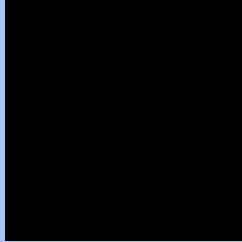
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

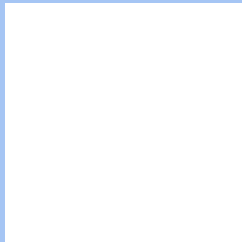
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4635, 0.2595, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 54.4635, 0.2595, 0.2728.



This preview shows how white text looks on a background with the Yxy color 54.4635, 0.2595, 0.2728.

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

54.4635, 0.2595, 0.2728

Protanopia

54.1174, 0.2724, 0.2717

Deuteranopia

54.4190, 0.2726, 0.2668



Tritanopia

54.6739, 0.2715, 0.3087

Trichromacy



Original Color

54.4635, 0.2595, 0.2728

Protanomaly

54.2245, 0.2673, 0.2723

Deuteranomaly

54.3162, 0.2674, 0.2683

Tritanomaly

54.4317, 0.2671, 0.2954

Monochromacy



Original Color

54.4635, 0.2595, 0.2728

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4043, 0.2913, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4635, 0.2595, 0.2728 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(165, 197, 244)` looks like.

```
.text, #text, p{  
    color:rgb(165, 197, 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(165, 197, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 197, 244) }
```

Border

The CSS property to change the border of an element to Yxy 54.4635, 0.2595, 0.2728 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(165, 197, 244) }
```

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

```
.border{ border-color:rgb(165, 197, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 197, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 197, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 197, 244);  
box-shadow:4px 4px 4px 4px rgb(165, 197,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4635, 0.2595, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 197, 244) }
```

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

```
.background{ background-color: rgb(165,  
197, 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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