

Converting Colors

Yxy(54.5667, 0.2646, 0.2752)

Have a look what the booklet for
Yxy(54.5667, 0.2646, 0.2752)
contains.

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Color

Yxy(54.4887, 0.2649, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	ABC4F1
RGB	171, 196, 241
RGB Percent	67%, 77%, 95%
CMY	0.3293, 0.2314, 0.0550
CMYK	0.29, 0.19, 0.00, 0.06
HSL	219°, 71%, 81%
HSV	219°, 29%, 94%
XYZ	52.4112, 54.4887, 90.9530
YIQ	193.6550, -29.3450, 8.6950

Conversions

Conversions Part 2

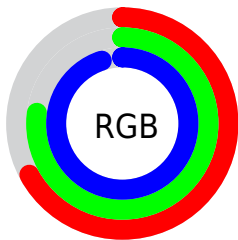
Format	Color
R _Y B	171, 189, 241
Decimal	11257073
CIE Lab	78.75, 1.63, -25.00
CIE LCh	79, 25.055, 273.723
Yxy	54.4887, 0.2649, 0.2754
Android (android.graphics.Color)	4289447153 (0xFFABC4F1)
YUV	193.6550, 23.3411, -19.8684
Hunter-Lab	73.8165, -2.4400, -21.3827

Details

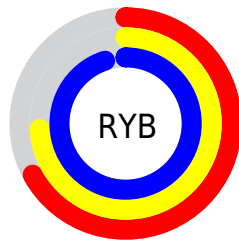
The Yxy color **54.4887, 0.2649, 0.2754** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.7445, 0.3636, 0.3773**, and the grayscale version is **53.6095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8015, 0.2958, 0.3270**, and **26.6307, 0.2524, 0.2609** is the 20% darker color. If you saturate the color by 10%, you get **45.3948, 0.2471, 0.2531**, and if you desaturate by 10%, it is **64.8018, 0.2822, 0.2958**.

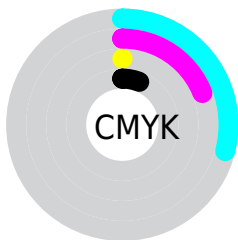
Distribution



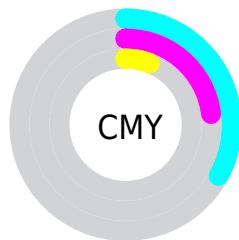
- Red (67%)
- Green (77%)
- Blue (95%)



- Red (67%)
- Yellow (74%)
- Blue (95%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4887, 0.2649, 0.2754 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 54.4887, 0.2649, 0.2754 by changing the saturation by 10% instead.

■ 54.4887, 0.2649,
0.2754

■ 54.4887, 0.2649,
0.2754

403.9708, 0.2879,
0.3010

■ 38.9925, 0.2595,
0.2694

■ 96.7914, 0.2730,
0.2844

■ 26.7539, 0.2527,
0.2619

124.3667, 0.2761,
0.2879

■ 17.3885, 0.2440,
0.2523

156.7372, 0.2788,
0.2909

■ 10.5119, 0.2325,
0.2396

194.2872, 0.2811,
0.2934

■ 5.7396, 0.2165,
0.2221

237.4012, 0.2831,
0.2957

■ 2.6874, 0.1932,
0.1968

286.4636, 0.2849,

■ 0.9708, 0.1569,

0.2977

0.1578

341.8586, 0.2864,
0.2994

0.0000, 0.0000,
0.0000

54.4887, 0.2649,
0.2754

54.4887, 0.2649,
0.2754

45.3948, 0.2471,
0.2531

64.8018, 0.2822,
0.2958

37.4651, 0.2294,
0.2293

76.3733, 0.2987,
0.3142

30.6494, 0.2123,
0.2045

89.2485, 0.3142,
0.3305

24.8910, 0.1966,
0.1794

99.1293, 0.3209,
0.3425

20.1270, 0.1832,
0.1552

■ 16.2862, 0.1725,
0.1328

■ 13.2724, 0.1649,
0.1131

■ 13.0146, 0.1643,
0.1113

Harmonies

Analogous

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



54.4887, 0.2516, 0.2875



54.4887, 0.2649, 0.2754



54.4887, 0.2910, 0.2769

Triad

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



54.4887, 0.2649, 0.2754



54.4887, 0.3757, 0.3405



54.4887, 0.2989, 0.3726

Complementary

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



54.4887, 0.2649, 0.2754



70.7445, 0.3636, 0.3773

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.



54.4887, 0.3321, 0.3877



54.4887, 0.2649, 0.2754



54.4887, 0.3775, 0.3665

Square

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



54.4887, 0.2649, 0.2754



54.4887, 0.3558, 0.3132



54.4887, 0.3611, 0.3845



54.4887, 0.2704, 0.3439

Rectangle

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



54.4887, 0.2649, 0.2754



54.4887, 0.3128, 0.2848



54.4887, 0.3611, 0.3845



54.4887, 0.3098, 0.3795

Sweetspot

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



54.4909, 0.2649, 0.2754



86.8494, 0.2987, 0.3142



76.4785, 0.2841, 0.3589



18.1588, 0.2964, 0.3116



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.



54.4909, 0.2649, 0.2754



55.5166, 0.2541, 0.2621



45.2278, 0.2683, 0.2459



16.1525, 0.2980, 0.3134



7.2903, 0.1651, 0.1143



0.7881, 0.1724, 0.1405

Inverse Universe

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



51.8154, 0.3542, 0.3019



52.5015, 0.3663, 0.2960



82.9332, 0.3499, 0.4033



15.8521, 0.3237, 0.3206



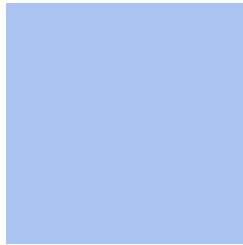
10.5293, 0.5548, 0.2830



0.8943, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 54.4887, 0.2649, 0.2754 looks on a white background.

Color Contrast Check

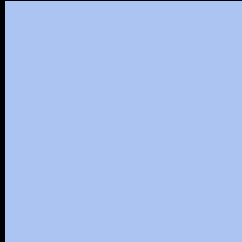
Large Text (above 18pt) WCAG AA × Fail

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 54.4887, 0.2649, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

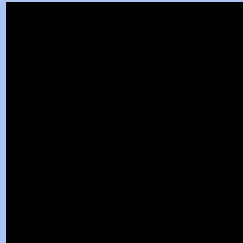
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

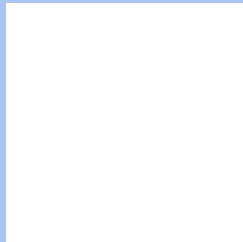
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4887, 0.2649, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 54.4887, 0.2649, 0.2754.



This preview shows how white text looks on a background with the Yxy color 54.4887, 0.2649, 0.2754.

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

54.4887, 0.2649, 0.2754

Protanopia

54.5623, 0.2744, 0.2751

Deuteranopia

54.4912, 0.2758, 0.2701



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.4887, 0.2649, 0.2754

Protanomaly

54.4585, 0.2705, 0.2748

Deuteranomaly

54.4958, 0.2712, 0.2717

Tritanomaly

54.6079, 0.2728, 0.2969

Monochromacy



Original Color

54.4887, 0.2649, 0.2754

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1725, 0.2943, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4887, 0.2649, 0.2754 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 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(171, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 241) }
```

Border

The CSS property to change the border of an element to Yxy 54.4887, 0.2649, 0.2754 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, 241) }
```

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

```
.border{ border-color:rgb(171, 196, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 196, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 196, 241);  
box-shadow:4px 4px 4px 4px rgb(171, 196,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4887, 0.2649, 0.2754 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, 241) }
```

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

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