

Converting Colors

Yxy(54.3664, 0.2650, 0.2883)

Have a look what the booklet for
Yxy(54.3664, 0.2650, 0.2883)
contains.

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Color

Yxy(54.3544, 0.2647, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	A2C7E8
RGB	162, 199, 232
RGB Percent	64%, 78%, 91%
CMY	0.3648, 0.2196, 0.0901
CMYK	0.30, 0.14, 0.00, 0.09
HSL	208°, 60%, 77%
HSV	208°, 30%, 91%
XYZ	49.8877, 54.3544, 84.2267
YIQ	191.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

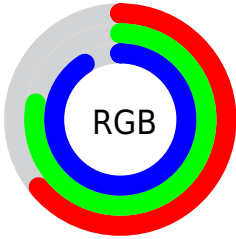
Format	Color
R_{YB}	162, 186, 232
Decimal	10668008
CIE Lab	78.67, -4.73, -20.37
CIE LCh	79, 20.915, 256.939
Yxy	54.3544, 0.2647, 0.2884
Android (android.graphics.Color)	4288858088 (0xFFA2C7E8)
YUV	191.6990, 19.8684, -26.0460
Hunter-Lab	73.7254, -8.2342, -16.1273

Details

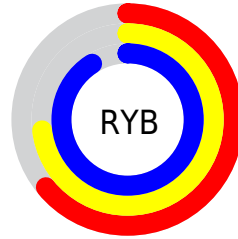
The Yxy color **54.3544, 0.2647, 0.2884** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.7958, 0.3696, 0.3663**, and the grayscale version is **52.4229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **26.5735, 0.2524, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **47.2936, 0.2486, 0.2723**, and if you desaturate by 10%, it is **62.2296, 0.2809, 0.3032**.

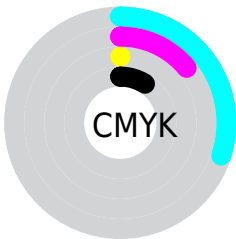
Distribution



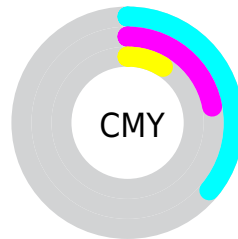
- Red (64%)
- Green (78%)
- Blue (91%)



- Red (64%)
- Yellow (73%)
- Blue (91%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3544, 0.2647, 0.2884 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 54.3544, 0.2647, 0.2884 by changing the saturation by 10% instead.

■ 54.3544, 0.2647,
0.2884

■ 54.3544, 0.2647,
0.2884

403.4600, 0.2877,
0.3082

■ 38.8851, 0.2593,
0.2837

■ 96.5944, 0.2728,
0.2954

■ 26.6703, 0.2525,
0.2777

■ 124.1339, 0.2759,
0.2981

■ 17.3258, 0.2437,
0.2700

156.4655, 0.2786,
0.3004

■ 10.4670, 0.2321,
0.2595

193.9737, 0.2809,
0.3024

■ 5.7097, 0.2160,
0.2449

237.0429, 0.2829,
0.3041

■ 2.6694, 0.1923,
0.2228

286.0574, 0.2847,

■ 0.9617, 0.1548,

0.3056

0.1869

341.4016, 0.2863,
0.3070

0.0000, 0.0000,
0.0000

54.3544, 0.2647,
0.2884

54.3544, 0.2647,
0.2884

47.2936, 0.2486,
0.2723

62.2296, 0.2809,
0.3032

41.0083, 0.2330,
0.2551

70.9427, 0.2969,
0.3167

35.4660, 0.2185,
0.2370

80.5243, 0.3124,
0.3288

30.6283, 0.2054,
0.2185

91.0013, 0.3272,
0.3395

26.4523, 0.1944,
0.2000

97.7758, 0.3263,
0.3500

■ 22.8882, 0.1857,
0.1819

■ 98.6078, 0.3262,
0.3512

■ 19.9097, 0.1792,
0.1651

Harmonies

Analogous

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



54.3544, 0.2605, 0.3050



54.3544, 0.2647, 0.2884



54.3544, 0.2812, 0.2830

Triad

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



54.3544, 0.2647, 0.2884



54.3544, 0.3576, 0.3259



54.3544, 0.3169, 0.3738

Complementary

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



54.3544, 0.2647, 0.2884



58.7958, 0.3696, 0.3663

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.



54.3544, 0.3436, 0.3782



54.3544, 0.2647, 0.2884



54.3544, 0.3679, 0.3491

Square

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



54.3544, 0.2647, 0.2884



54.3544, 0.3347, 0.3043



54.3544, 0.3626, 0.3685



54.3544, 0.2899, 0.3556

Rectangle

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



54.3544, 0.2647, 0.2884



54.3544, 0.2975, 0.2857



54.3544, 0.3626, 0.3685



54.3544, 0.3262, 0.3770

Sweetspot

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



54.3566, 0.2647, 0.2884



89.1954, 0.2987, 0.3182



69.3331, 0.2897, 0.3750



18.7355, 0.2964, 0.3163



0.0000, 0.0000, 0.0000



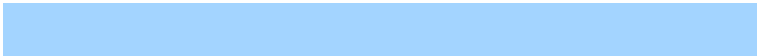
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3566, 0.2647, 0.2884



61.9795, 0.2550, 0.2789



40.1674, 0.2596, 0.2437



15.1421, 0.2981, 0.3176



11.3046, 0.1800, 0.1678



1.0211, 0.1870, 0.1931

Inverse Universe

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



47.1154, 0.3451, 0.2877



52.2653, 0.3538, 0.2792



76.1917, 0.3589, 0.4021



14.4947, 0.3210, 0.3166



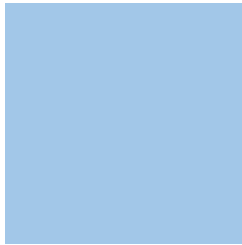
10.3389, 0.4833, 0.2436



0.7828, 0.4531, 0.2270

Previews

White Background



This preview shows how the Yxy color 54.3544, 0.2647, 0.2884 looks on a white background.

Color Contrast Check

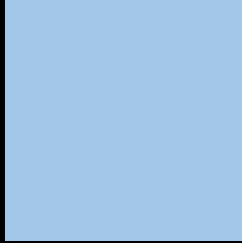
Large Text (above 18pt) WCAG AA × Fail

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 54.3544, 0.2647, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

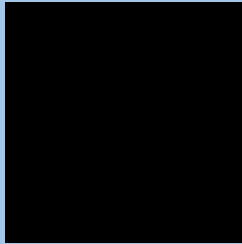
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

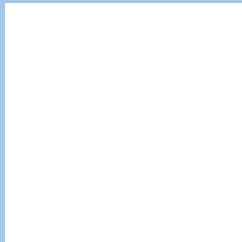
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3544, 0.2647, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 54.3544, 0.2647, 0.2884.

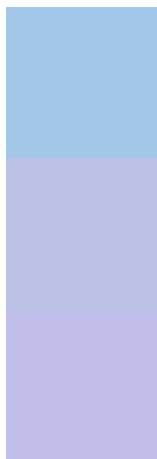


This preview shows how white text looks on a background with the Yxy color 54.3544, 0.2647, 0.2884.

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

54.3544, 0.2647, 0.2884

Protanopia

54.3062, 0.2835, 0.2874

Deuteranopia

54.1049, 0.2838, 0.2778



Tritanopia

54.2062, 0.2713, 0.3074

Trichromacy



Original Color

54.3544, 0.2647, 0.2884

Protanomaly

54.1523, 0.2767, 0.2880

Deuteranomaly

53.9682, 0.2768, 0.2815

Tritanomaly

54.1098, 0.2689, 0.3001

Monochromacy



Original Color

54.3544, 0.2647, 0.2884

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3590, 0.2933, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3544, 0.2647, 0.2884 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(162, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(162, 199, 232)  
}
```

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(162, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 54.3544, 0.2647, 0.2884 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(162, 199, 232) }
```

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

```
.border{ border-color:rgb(162, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(162, 199,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3544, 0.2647, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 199, 232) }
```

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

```
.background{ background-color: rgb(162,  
199, 232) }
```

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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