

Converting Colors

$Y_{xy}(54.3279, 0.2455, 0.2907)$

Have a look what the booklet for
Yxy(54.3279, 0.2455, 0.2907)
contains.

Yxy(54.3279, 0.2455, 0.2907)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3279, 0.2455, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	81CDEB
RGB	129, 205, 235
RGB Percent	51%, 80%, 92%
CMY	0.4941, 0.1961, 0.0784
CMYK	0.45, 0.13, 0.00, 0.08
HSL	197°, 73%, 71%
HSV	197°, 45%, 92%
XYZ	45.8806, 54.3279, 86.6779
YIQ	185.6960, -54.9260, -6.7820

Conversions

Conversions Part 2

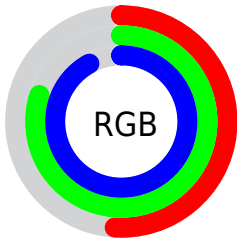
Format	Color
RYB	129, 173, 235
Decimal	8506859
CIELab	78.65, -15.76, -22.16
CIElCh	79, 27.197, 234.583
Yxy	54.3279, 0.2455, 0.2907
Android (android.graphics.Color)	4286696939 (0xFF81CDEB)
YUV	185.6960, 24.3069, -49.7224
Hunter-Lab	73.7075, -17.8773, -18.1282

Details

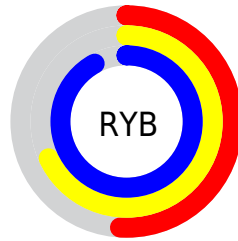
The Yxy color **54.3279, 0.2455, 0.2907** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.0492, 0.4175, 0.3632**, and the grayscale version is **48.8092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **26.7275, 0.2290, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **49.5807, 0.2328, 0.2805**, and if you desaturate by 10%, it is **59.6378, 0.2594, 0.3004**.

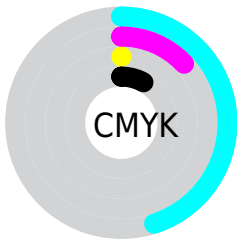
Distribution



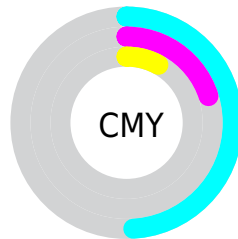
- Red (51%)
- Green (80%)
- Blue (92%)



- Red (51%)
- Yellow (68%)
- Blue (92%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3279, 0.2455, 0.2907 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 54.3279, 0.2455, 0.2907 by changing the saturation by 10% instead.

■ 54.3279, 0.2455,
0.2907

■ 54.3279, 0.2455,
0.2907

■ 403.3592, 0.2773,
0.3098

■ 38.8639, 0.2381,
0.2860

■ 96.5555, 0.2567,
0.2976

■ 26.6538, 0.2289,
0.2800

■ 124.0879, 0.2610,
0.3002

■ 17.3134, 0.2172,
0.2722

■ 156.4119, 0.2647,
0.3024

■ 10.4582, 0.2019,
0.2615

■ 193.9118, 0.2679,
0.3043

■ 5.7038, 0.1811,
0.2462

■ 236.9721, 0.2707,
0.3060

■ 2.6658, 0.1516,
0.2229

■ 285.9772, 0.2732,

■ 0.9599, 0.1017,

0.3074

0.1858

341.3114, 0.2754,
0.3087

0.0000, 0.0000,
0.0000

54.3279, 0.2455,
0.2907

54.3279, 0.2455,
0.2907

49.5807, 0.2328,
0.2805

59.6378, 0.2594,
0.3004

45.3588, 0.2218,
0.2700

65.5325, 0.2741,
0.3094

41.6296, 0.2125,
0.2592

72.0399, 0.2894,
0.3178


38.3527, 0.2053,
0.2484

79.1845, 0.3048,
0.3254

35.4788, 0.2000,
0.2378

86.9889, 0.3202,
0.3323

 34.1842, 0.1980,
0.2326

 92.5170, 0.3253,
0.3387

 96.6136, 0.3247,
0.3451

 98.7792, 0.3244,
0.3483

Harmonies

Analogous

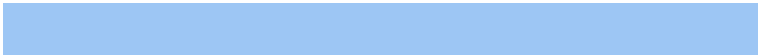
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.3279, 0.2526, 0.3206



54.3279, 0.2455, 0.2907



54.3279, 0.2549, 0.2734

Triad

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



54.3279, 0.2455, 0.2907



54.3279, 0.3499, 0.3036



54.3279, 0.3441, 0.3939

Complementary

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



54.3279, 0.2455, 0.2907



44.0492, 0.4175, 0.3632

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.



54.3279, 0.3725, 0.3846



54.3279, 0.2455, 0.2907



54.3279, 0.3765, 0.3320

Square

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



54.3279, 0.2455, 0.2907



54.3279, 0.3138, 0.2817



54.3279, 0.3848, 0.3613



54.3279, 0.3084, 0.3836

Rectangle

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



54.3279, 0.2455, 0.2907



54.3279, 0.2697, 0.2700



54.3279, 0.3848, 0.3613



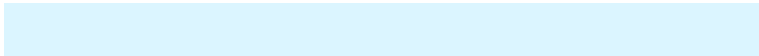
54.3279, 0.3549, 0.3928

Sweetspot

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



54.3300, 0.2455, 0.2907



87.5671, 0.2910, 0.3186



66.5369, 0.2916, 0.4323



18.3622, 0.2877, 0.3169



0.0000, 0.0000, 0.0000



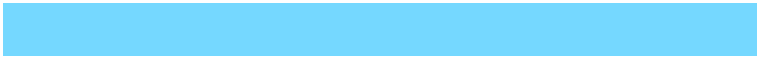
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3300, 0.2455, 0.2907



60.1437, 0.2339, 0.2814



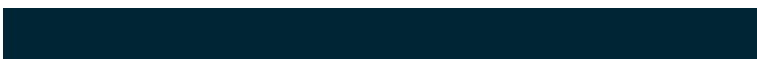
33.6889, 0.2332, 0.2209



16.3593, 0.2981, 0.3222



19.2493, 0.1984, 0.2343



1.6735, 0.2025, 0.2490

Inverse Universe

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



37.7720, 0.3469, 0.2466



39.0114, 0.3565, 0.2317



65.4810, 0.3907, 0.4171



15.2368, 0.3181, 0.3123



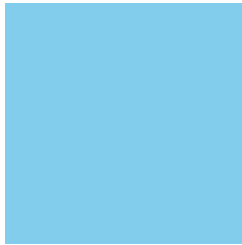
11.4360, 0.4081, 0.2022



0.9143, 0.3932, 0.1940

Previews

White Background



This preview shows how the Yxy color 54.3279, 0.2455, 0.2907 looks on a white background.

Color Contrast Check

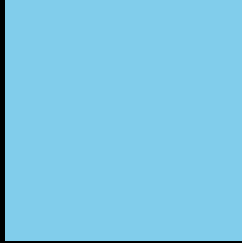
Large Text (above 18pt) WCAG AA × Fail

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 54.3279, 0.2455, 0.2907 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 54.3279, 0.2455, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 54.3279, 0.2455, 0.2907.



This preview shows how white text looks on a background with the Yxy color 54.3279, 0.2455, 0.2907.

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

54.3279, 0.2455, 0.2907

Protanopia

53.7551, 0.2848, 0.2885

Deuteranopia

53.9471, 0.2790, 0.2733



Tritanopia

54.4431, 0.2500, 0.3067

Trichromacy



Original Color

54.3279, 0.2455, 0.2907

Protanomaly

53.6966, 0.2688, 0.2896

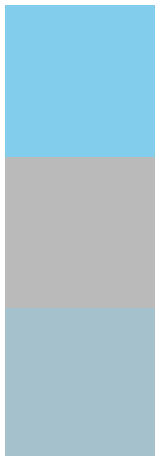
Deuteranomaly

53.4695, 0.2651, 0.2782

Tritanomaly

54.2561, 0.2482, 0.3004

Monochromacy



Original Color

54.3279, 0.2455, 0.2907

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4989, 0.2835, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3279, 0.2455, 0.2907 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(129, 205, 235)` looks like.

```
.text, #text, p{  
    color:rgb(129, 205, 235)  
}
```

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(129, 205, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 205, 235) }
```

Border

The CSS property to change the border of an element to Yxy 54.3279, 0.2455, 0.2907 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(129, 205, 235) }
```

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

```
.border{ border-color:rgb(129, 205, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 205, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 205, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 205, 235);  
box-shadow:4px 4px 4px 4px rgb(129, 205,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3279, 0.2455, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 205, 235) }
```

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

```
.background{ background-color: rgb(129,  
205, 235) }
```

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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