

Converting Colors

$Yxy(54.1421, 0.2569, 0.2893)$

Have a look what the booklet for
Yxy(54.1421, 0.2569, 0.2893)
contains.

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Color

Yxy(54.0460, 0.2566, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	95C9E9
RGB	149, 201, 233
RGB Percent	58%, 79%, 91%
CMY	0.4157, 0.2117, 0.0864
CMYK	0.36, 0.14, 0.00, 0.09
HSL	203°, 66%, 75%
HSV	203°, 36%, 91%
XYZ	47.9869, 54.0460, 84.9775
YIQ	189.1000, -41.2640, -1.0720

Conversions

Conversions Part 2

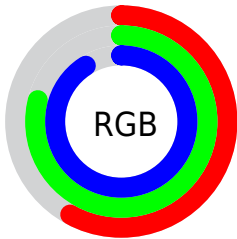
Format	Color
R _Y B	149, 181, 233
Decimal	9816553
CIE Lab	78.49, -9.14, -21.23
CIE LCh	78, 23.112, 246.699
Yxy	54.0460, 0.2566, 0.2890
Android (android.graphics.Color)	4288006633 (0xFF95C9E9)
YUV	189.1000, 21.6427, -35.1677
Hunter-Lab	73.5160, -12.1388, -17.0724

Details

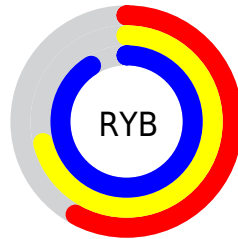
The Yxy color **54.0460, 0.2566, 0.2890** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.5299, 0.3865, 0.3655**, and the grayscale version is **50.8418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **26.4747, 0.2429, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **48.0540, 0.2418, 0.2757**, and if you desaturate by 10%, it is **60.7194, 0.2721, 0.3014**.

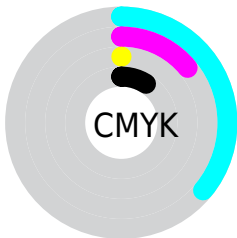
Distribution



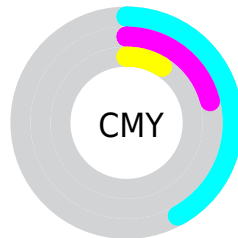
- Red (58%)
- Green (79%)
- Blue (91%)



- Red (58%)
- Yellow (71%)
- Blue (91%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0460, 0.2566, 0.2890 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 54.0460, 0.2566, 0.2890 by changing the saturation by 10% instead.

■ 54.0460, 0.2566,
0.2890

■ 54.0460, 0.2566,
0.2890

402.2854, 0.2834,
0.3087

■ 38.6384, 0.2503,
0.2842

■ 96.1418, 0.2660,
0.2960

■ 26.4786, 0.2425,
0.2782

■ 123.5988, 0.2697,
0.2987

■ 17.1820, 0.2324,
0.2704

155.8411, 0.2728,
0.3010

■ 10.3643, 0.2192,
0.2597

193.2530, 0.2755,
0.3030

■ 5.6412, 0.2009,
0.2447

236.2190, 0.2778,
0.3047

■ 2.6282, 0.1743,
0.2219

285.1235, 0.2799,

■ 0.9408, 0.1317,

0.3062

0.1849

340.3508, 0.2817,
0.3075

0.0000, 0.0000,
0.0000

54.0460, 0.2566,
0.2890

54.0460, 0.2566,
0.2890

48.0540, 0.2418,
0.2757

60.7194, 0.2721,
0.3014

42.7067, 0.2279,
0.2616

68.0960, 0.2878,
0.3129

37.9732, 0.2156,
0.2469

76.2038, 0.3034,
0.3232

33.8163, 0.2050,
0.2321

85.0676, 0.3187,
0.3326

30.1934, 0.1965,
0.2173

92.6653, 0.3265,
0.3411

■ 27.0523, 0.1902,
0.2028

■ 98.1728, 0.3257,
0.3496

■ 25.9105, 0.1881,
0.1972

■ 98.6620, 0.3256,
0.3503

Harmonies

Analogous

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



54.0460, 0.2570, 0.3109



54.0460, 0.2566, 0.2890



54.0460, 0.2703, 0.2788

Triad

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



54.0460, 0.2566, 0.2890



54.0460, 0.3550, 0.3169



54.0460, 0.3277, 0.3824

Complementary

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



54.0460, 0.2566, 0.2890



52.5299, 0.3865, 0.3655

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.



54.0460, 0.3553, 0.3814



54.0460, 0.2566, 0.2890



54.0460, 0.3719, 0.3424

Square

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



54.0460, 0.2566, 0.2890



54.0460, 0.3266, 0.2950



54.0460, 0.3718, 0.3660



54.0460, 0.2970, 0.3670

Rectangle

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



54.0460, 0.2566, 0.2890



54.0460, 0.2861, 0.2791



54.0460, 0.3718, 0.3660



54.0460, 0.3377, 0.3839

Sweetspot

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



54.0481, 0.2566, 0.2890



88.4367, 0.2956, 0.3182



67.9435, 0.2905, 0.3967



18.6407, 0.2935, 0.3168



0.0000, 0.0000, 0.0000



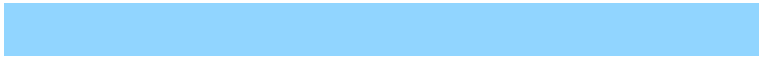
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0481, 0.2566, 0.2890



60.9857, 0.2459, 0.2795



37.4840, 0.2491, 0.2351



16.1025, 0.2981, 0.3198



14.9516, 0.1887, 0.1994



1.3588, 0.1943, 0.2193

Inverse Universe

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



43.0343, 0.3461, 0.2713



46.4347, 0.3553, 0.2599



71.6179, 0.3708, 0.4080



15.2109, 0.3196, 0.3145



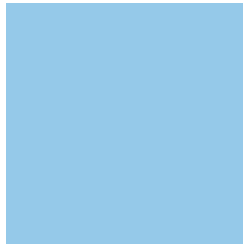
11.0022, 0.4460, 0.2230



0.8826, 0.4240, 0.2109

Previews

White Background



This preview shows how the Yxy color 54.0460, 0.2566, 0.2890 looks on a white background.

Color Contrast Check

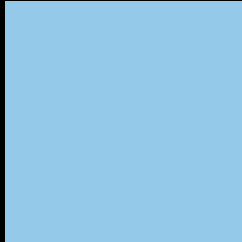
Large Text (above 18pt) WCAG AA × Fail

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 54.0460, 0.2566, 0.2890 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 54.0460, 0.2566, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 54.0460, 0.2566, 0.2890.



This preview shows how white text looks on a background with the Yxy color 54.0460, 0.2566, 0.2890.

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

54.0460, 0.2566, 0.2890

Protanopia

53.8101, 0.2841, 0.2873

Deuteranopia

53.4697, 0.2816, 0.2754



Tritanopia

53.9902, 0.2624, 0.3071

Trichromacy



Original Color

54.0460, 0.2566, 0.2890

Protanomaly

53.5716, 0.2732, 0.2876

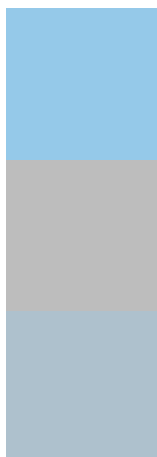
Deuteranomaly

53.3105, 0.2720, 0.2798

Tritanomaly

53.8803, 0.2600, 0.2997

Monochromacy



Original Color

54.0460, 0.2566, 0.2890

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5464, 0.2894, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0460, 0.2566, 0.2890 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(149, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(149, 201, 233)  
}
```

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(149, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 201, 233) }
```

Border

The CSS property to change the border of an element to Yxy 54.0460, 0.2566, 0.2890 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(149, 201, 233) }
```

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

```
.border{ border-color:rgb(149, 201, 233) }
```

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

Here you see how a box with a 4 pixel rgb(149, 201, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(149, 201,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0460, 0.2566, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 201, 233) }
```

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

```
.background{ background-color: rgb(149,  
201, 233) }
```

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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