

Converting Colors

$Y_{xy}(54.0578, 0.2506, 0.2836)$

Have a look what the booklet for
Yxy(54.0578, 0.2506, 0.2836)
contains.

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Color

Yxy(54.2537, 0.2507, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	8FCAEE
RGB	143, 202, 238
RGB Percent	56%, 79%, 93%
CMY	0.4394, 0.2078, 0.0667
CMYK	0.40, 0.15, 0.00, 0.07
HSL	203°, 74%, 75%
HSV	203°, 40%, 93%
XYZ	47.8754, 54.2537, 88.8378
YIQ	188.4630, -46.7200, -1.3120

Conversions

Conversions Part 2

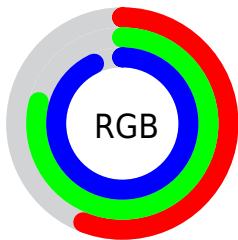
Format	Color
R_{YB}	143, 179, 238
Decimal	9423598
CIE _{Lab}	78.61, -9.97, -23.77
CIE _{LCh}	79, 25.773, 247.238
Yxy	54.2537, 0.2507, 0.2841
Android (android.graphics.Color)	4287613678 (0xFF8FCAEE)
YUV	188.4630, 24.4217, -39.8711
Hunter-Lab	73.6571, -12.8791, -19.9497

Details

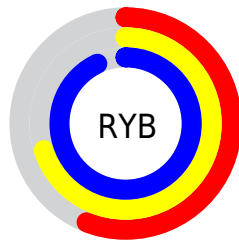
The Yxy color **54.2537, 0.2507, 0.2841** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.3803, 0.3972, 0.3693**, and the grayscale version is **50.4414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **26.6319, 0.2356, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **48.2459, 0.2362, 0.2705**, and if you desaturate by 10%, it is **60.9633, 0.2660, 0.2969**.

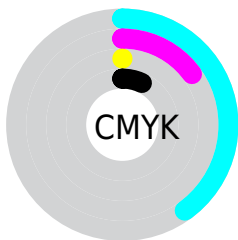
Distribution



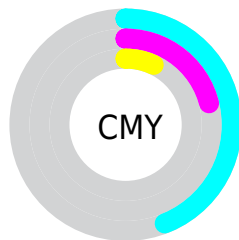
- Red (56%)
- Green (79%)
- Blue (93%)



- Red (56%)
- Yellow (70%)
- Blue (93%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2537, 0.2507, 0.2841 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 54.2537, 0.2507, 0.2841 by changing the saturation by 10% instead.

■ 54.2537, 0.2507,
0.2841

■ 54.2537, 0.2507,
0.2841

403.0767, 0.2802,
0.3061

■ 38.8045, 0.2438,
0.2788

■ 96.4466, 0.2610,
0.2920

■ 26.6077, 0.2353,
0.2721

■ 123.9592, 0.2650,
0.2950

■ 17.2788, 0.2244,
0.2634

156.2617, 0.2685,
0.2975

■ 10.4335, 0.2101,
0.2517

193.7385, 0.2714,
0.2997

■ 5.6873, 0.1905,
0.2352

236.7740, 0.2740,
0.3016

■ 2.6559, 0.1626,
0.2106

285.7526, 0.2763,

■ 0.9548, 0.1190,

0.3033

0.1716

341.0587, 0.2783,
0.3048

0.0000, 0.0000,
0.0000

54.2537, 0.2507,
0.2841

54.2537, 0.2507,
0.2841

48.2459, 0.2362,
0.2705

60.9633, 0.2660,
0.2969

42.9006, 0.2229,
0.2562

68.3986, 0.2816,
0.3086

38.1836, 0.2113,
0.2415

76.5900, 0.2973,
0.3194

34.0538, 0.2015,
0.2267

85.5638, 0.3128,
0.3291

30.4631, 0.1940,
0.2121

94.0007, 0.3233,
0.3378

■ 27.3336, 0.1883,
0.1979

■ 98.9531, 0.3226,
0.3454

■ 27.3134, 0.1883,
0.1978

Harmonies

Analogous

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



54.2537, 0.2508, 0.3081



54.2537, 0.2507, 0.2841



54.2537, 0.2660, 0.2733

Triad

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



54.2537, 0.2507, 0.2841



54.2537, 0.3603, 0.3159



54.2537, 0.3286, 0.3887

Complementary

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



54.2537, 0.2507, 0.2841



52.3803, 0.3972, 0.3693

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.



54.2537, 0.3596, 0.3875



54.2537, 0.2507, 0.2841



54.2537, 0.3789, 0.3440

Square

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



54.2537, 0.2507, 0.2841



54.2537, 0.3287, 0.2918



54.2537, 0.3784, 0.3703



54.2537, 0.2946, 0.3711

Rectangle

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



54.2537, 0.2507, 0.2841



54.2537, 0.2836, 0.2739



54.2537, 0.3784, 0.3703



54.2537, 0.3397, 0.3904

Sweetspot

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



54.2558, 0.2507, 0.2841



87.4795, 0.2940, 0.3172



70.1929, 0.2884, 0.4056



18.4497, 0.2920, 0.3158



0.0000, 0.0000, 0.0000



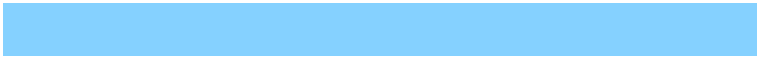
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2558, 0.2507, 0.2841



57.6029, 0.2387, 0.2729



35.6636, 0.2412, 0.2229



16.8647, 0.2980, 0.3198



15.4951, 0.1889, 0.2000



1.4801, 0.1941, 0.2188

Inverse Universe

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



42.0757, 0.3508, 0.2648



42.5118, 0.3620, 0.2521



74.1882, 0.3773, 0.4164



15.9240, 0.3196, 0.3144



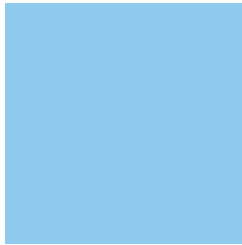
11.3576, 0.4453, 0.2227



0.9641, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 54.2537, 0.2507, 0.2841 looks on a white background.

Color Contrast Check

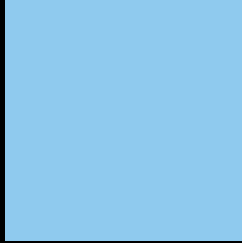
Large Text (above 18pt) WCAG AA × Fail

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 54.2537, 0.2507, 0.2841 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

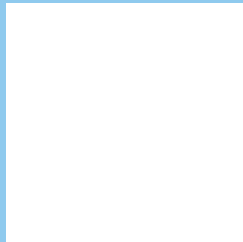
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2537, 0.2507, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 54.2537, 0.2507, 0.2841.



This preview shows how white text looks on a background with the Yxy color 54.2537, 0.2507, 0.2841.

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

54.2537, 0.2507, 0.2841

Protanopia

53.9079, 0.2808, 0.2828

Deuteranopia

53.9966, 0.2764, 0.2700



Tritanopia

54.3721, 0.2581, 0.3082

Trichromacy



Original Color

54.2537, 0.2507, 0.2841

Protanomaly

53.9664, 0.2683, 0.2830

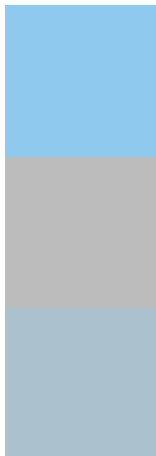
Deuteranomaly

53.6455, 0.2658, 0.2741

Tritanomaly

54.3072, 0.2552, 0.2995

Monochromacy



Original Color

54.2537, 0.2507, 0.2841

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3668, 0.2872, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2537, 0.2507, 0.2841 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(143, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(143, 202, 238)  
}
```

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(143, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 202, 238) }
```

Border

The CSS property to change the border of an element to Yxy 54.2537, 0.2507, 0.2841 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(143, 202, 238) }
```

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

```
.border{ border-color:rgb(143, 202, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 202, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 202, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 202, 238); box-shadow:4px 4px 4px 4px rgb(143, 202, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2537, 0.2507, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 202, 238) }
```

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

```
.background{ background-color: rgb(143,  
202, 238) }
```

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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