

Converting Colors

$Y_{xy}(54.4740, 0.2593, 0.3067)$

Have a look what the booklet for
Yxy(54.4740, 0.2593, 0.3067)
contains.

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Color

Yxy(54.6874, 0.2593, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	8ECDDE
RGB	142, 205, 222
RGB Percent	56%, 80%, 87%
CMY	0.4429, 0.1961, 0.1295
CMYK	0.36, 0.08, 0.00, 0.13
HSL	193°, 55%, 71%
HSV	193°, 36%, 87%
XYZ	46.1753, 54.6874, 77.2141
YIQ	188.1010, -43.0050, -8.0690

Conversions

Conversions Part 2

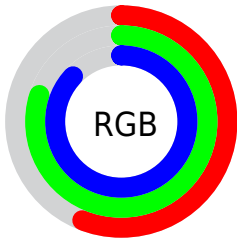
Format	Color
RYB	142, 177, 222
Decimal	9358814
CIELab	78.86, -15.82, -14.80
CIElCh	79, 21.663, 223.085
Yxy	54.6874, 0.2593, 0.3071
Android (android.graphics.Color)	4287548894 (0xFF8ECDDE)
YUV	188.1010, 16.7122, -40.4306
Hunter-Lab	73.9509, -17.9578, -10.1406

Details

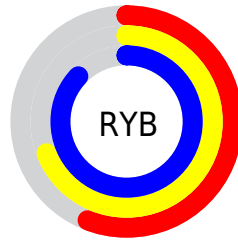
The Yxy color **54.6874, 0.2593, 0.3071** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2890, 0.3919, 0.3496**, and the grayscale version is **50.2777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **26.9979, 0.2461, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **50.6942, 0.2463, 0.3000**, and if you desaturate by 10%, it is **59.1439, 0.2734, 0.3138**.

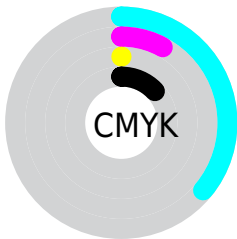
Distribution



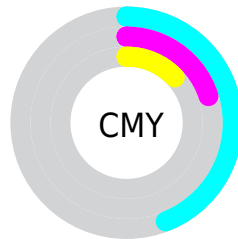
- Red (56%)
- Green (80%)
- Blue (87%)



- Red (56%)
- Yellow (69%)
- Blue (87%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)




- Cyan (44%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6874, 0.2593, 0.3071 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 54.6874, 0.2593, 0.3071 by changing the saturation by 10% instead.


 54.6874, 0.2593,
0.3071


 54.6874, 0.2593,
0.3071


404.7259, 0.2848,
0.3182

 39.1515, 0.2533,
0.3043

 97.0828, 0.2683,
0.3112

 26.8776, 0.2458,
0.3007


 124.7111, 0.2717,
0.3127

 17.4813, 0.2362,
0.2960


157.1390, 0.2747,
0.3140

 10.5783, 0.2234,
0.2893

194.7508, 0.2773,
0.3151

 5.7840, 0.2057,
0.2796

237.9310, 0.2795,
0.3160

 2.7142, 0.1797,
0.2640

287.0640, 0.2815,

 0.9844, 0.1319,

0.3168

0.2378

342.5342, 0.2832,
0.3176

0.0000, 0.0000,
0.0000

54.6874, 0.2593,
0.3071

54.6874, 0.2593,
0.3071

50.6942, 0.2463,
0.3000

59.1439, 0.2734,
0.3138

47.1340, 0.2347,
0.2925

64.0793, 0.2882,
0.3201

43.9825, 0.2248,
0.2848

69.5161, 0.3035,
0.3258

41.2100, 0.2167,
0.2769

75.4735, 0.3189,
0.3310

38.7819, 0.2106,
0.2691

81.9696, 0.3342,
0.3357

■ 36.6553, 0.2065,
0.2614

■ 84.9784, 0.3350,
0.3403

■ 35.8609, 0.2051,
0.2583

■ 87.6892, 0.3343,
0.3449

■ 90.4719, 0.3337,
0.3495

■ 93.3271, 0.3331,
0.3540

Harmonies

Analogous

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



54.6874, 0.2702, 0.3333



54.6874, 0.2593, 0.3071



54.6874, 0.2618, 0.2886

Triad

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



54.6874, 0.2593, 0.3071



54.6874, 0.3319, 0.3010



54.6874, 0.3477, 0.3793

Complementary

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



54.6874, 0.2593, 0.3071



42.2890, 0.3919, 0.3496

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.



54.6874, 0.3658, 0.3676



54.6874, 0.2593, 0.3071



54.6874, 0.3567, 0.3227

Square

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



54.6874, 0.2593, 0.3071



54.6874, 0.3027, 0.2862



54.6874, 0.3693, 0.3467



54.6874, 0.3207, 0.3769

Rectangle

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



54.6874, 0.2593, 0.3071



54.6874, 0.2709, 0.2826



54.6874, 0.3693, 0.3467



54.6874, 0.3551, 0.3768

Sweetspot

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



54.6895, 0.2593, 0.3071



91.3189, 0.2957, 0.3230



60.4571, 0.2983, 0.4151



19.3299, 0.2936, 0.3222



0.0000, 0.0000, 0.0000



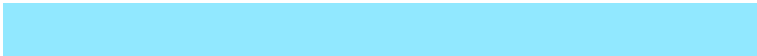
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6895, 0.2593, 0.3071



70.8174, 0.2497, 0.3019



38.3116, 0.2519, 0.2541



15.0521, 0.2982, 0.3239



21.4723, 0.2054, 0.2594



1.6133, 0.2087, 0.2714

Inverse Universe

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



39.2955, 0.3326, 0.2572



47.4272, 0.3379, 0.2430



57.8698, 0.3757, 0.3938



13.8831, 0.3170, 0.3107



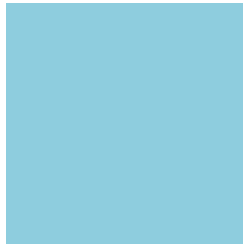
11.0757, 0.3830, 0.1883



0.7803, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 54.6874, 0.2593, 0.3071 looks on a white background.

Color Contrast Check

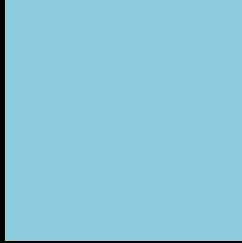
Large Text (above 18pt) WCAG AA × Fail

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 54.6874, 0.2593, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

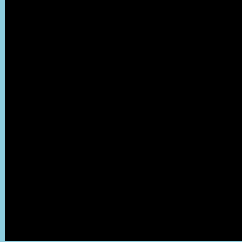
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6874, 0.2593, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 54.6874, 0.2593, 0.3071.



This preview shows how white text looks on a background with the Yxy color 54.6874, 0.2593, 0.3071.

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

54.6874, 0.2593, 0.3071

Protanopia

54.2014, 0.2967, 0.3038

Deuteranopia

54.4053, 0.2943, 0.2882



Tritanopia

54.6874, 0.2593, 0.3071

Trichromacy



Original Color

54.6874, 0.2593, 0.3071

Protanomaly

53.9409, 0.2817, 0.3042

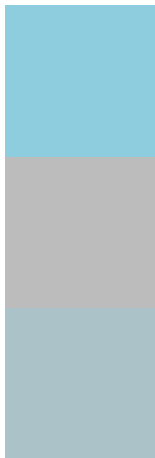
Deuteranomaly

53.8770, 0.2798, 0.2937

Tritanomaly

54.6874, 0.2593, 0.3071

Monochromacy



Original Color

54.6874, 0.2593, 0.3071

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.4116, 0.2906, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6874, 0.2593, 0.3071 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(142, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(142, 205, 222)  
}
```

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(142, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 205, 222) }
```

Border

The CSS property to change the border of an element to Yxy 54.6874, 0.2593, 0.3071 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(142, 205, 222) }
```

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

```
.border{ border-color:rgb(142, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(142, 205,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6874, 0.2593, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 205, 222) }
```

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

```
.background{ background-color: rgb(142,  
205, 222) }
```

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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