

Converting Colors

$Y_{xy}(59.8325, 0.2554, 0.3052)$

Have a look what the booklet for
Yxy(59.8325, 0.2554, 0.3052)
contains.

Yxy(59.8160, 0.2557, 0.3053)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8160, 0.2557, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	8FD6E9
RGB	143, 214, 233
RGB Percent	56%, 84%, 91%
CMY	0.4388, 0.1609, 0.0862
CMYK	0.39, 0.08, 0.00, 0.09
HSL	193°, 67%, 74%
HSV	193°, 39%, 91%
XYZ	50.0981, 59.8160, 86.0112
YIQ	194.9370, -48.4150, -9.1430

Conversions

Conversions Part 2

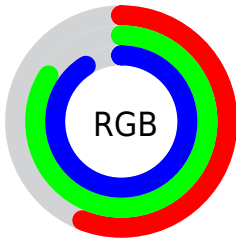
Format	Color
R _Y B	143, 183, 233
Decimal	9426665
CIE Lab	81.74, -17.39, -16.37
CIE LCh	82, 23.884, 223.260
Yxy	59.8160, 0.2557, 0.3053
Android (android.graphics.Color)	4287616745 (0xFF8FD6E9)
YUV	194.9370, 18.7651, -45.5487
Hunter-Lab	77.3408, -19.7217, -11.7982

Details

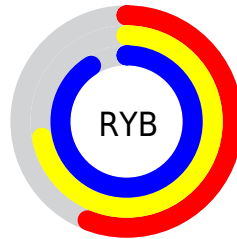
The Yxy color **59.8160, 0.2557, 0.3053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2066, 0.4001, 0.3511**, and the grayscale version is **54.4566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **29.9968, 0.2418, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **55.4886, 0.2430, 0.2981**, and if you desaturate by 10%, it is **64.6558, 0.2696, 0.3121**.

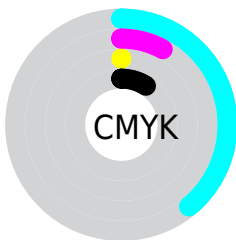
Distribution



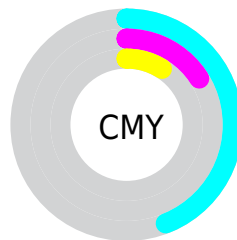
- Red (56%)
- Green (84%)
- Blue (91%)



- Red (56%)
- Yellow (72%)
- Blue (91%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8160, 0.2557, 0.3053 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 59.8160, 0.2557, 0.3053 by changing the saturation by 10% instead.

■ 59.8160, 0.2557,
0.3053

■ 59.8160, 0.2557,
0.3053

■ 423.9192, 0.2824,
0.3172

■ 43.2703, 0.2495,
0.3024

■ 104.5627, 0.2650,
0.3096

■ 30.0973, 0.2419,
0.2986

■ 133.5325, 0.2686,
0.3112

■ 19.9124, 0.2322,
0.2937

■ 167.4126, 0.2717,
0.3126

■ 12.3314, 0.2195,
0.2870

■ 206.5872, 0.2744,
0.3138

■ 6.9698, 0.2023,
0.2774

■ 251.4407, 0.2768,
0.3148

■ 3.4432, 0.1776,
0.2624

■ 302.3577, 0.2789,

■ 1.3673, 0.1403,

0.3157

0.2366

359.7224, 0.2808,
0.3165

0.1924, 0.0000,
0.1202

0.0000, 0.0000,
0.0000

59.8160, 0.2557,
0.3053

59.8160, 0.2557,
0.3053

55.4886, 0.2430,
0.2981

64.6558, 0.2696,
0.3121

51.6389, 0.2318,
0.2905

70.0261, 0.2842,
0.3185

48.2388, 0.2224,
0.2828

75.9529, 0.2995,
0.3244

45.2533, 0.2149,
0.2749

82.4579, 0.3149,
0.3297

■ 42.6416, 0.2093,
0.2671

■ 88.6749, 0.3272,
0.3346

■ 40.3439, 0.2056,
0.2594

■ 91.5981, 0.3267,
0.3394

■ 40.0326, 0.2051,
0.2583

■ 94.6008, 0.3262,
0.3441

■ 97.6835, 0.3257,
0.3488

■ 98.6644, 0.3256,
0.3503

Harmonies

Analogous

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



59.8160, 0.2672, 0.3333



59.8160, 0.2557, 0.3053



59.8160, 0.2585, 0.2857

Triad

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



59.8160, 0.2557, 0.3053



59.8160, 0.3333, 0.2993



59.8160, 0.3500, 0.3829

Complementary

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



59.8160, 0.2557, 0.3053



45.2066, 0.4001, 0.3511

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.



59.8160, 0.3695, 0.3703



59.8160, 0.2557, 0.3053



59.8160, 0.3599, 0.3223

Square

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



59.8160, 0.2557, 0.3053



59.8160, 0.3021, 0.2835



59.8160, 0.3733, 0.3479



59.8160, 0.3210, 0.3803

Rectangle

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



59.8160, 0.2557, 0.3053



59.8160, 0.2681, 0.2794



59.8160, 0.3733, 0.3479



59.8160, 0.3579, 0.3802

Sweetspot

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



59.8183, 0.2557, 0.3053



90.5866, 0.2941, 0.3224



66.7160, 0.2974, 0.4228



19.1833, 0.2921, 0.3216



0.0000, 0.0000, 0.0000



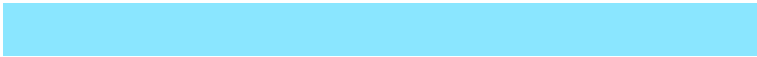
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8183, 0.2557, 0.3053



69.2816, 0.2459, 0.2998



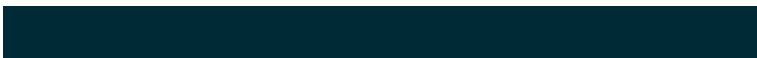
40.5144, 0.2470, 0.2474



16.5489, 0.2981, 0.3239



22.8972, 0.2054, 0.2595



1.9331, 0.2084, 0.2702

Inverse Universe

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



41.8592, 0.3344, 0.2519



45.0733, 0.3401, 0.2373



63.4795, 0.3810, 0.3987



15.2560, 0.3170, 0.3106



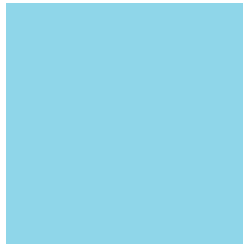
11.8043, 0.3829, 0.1883



0.9406, 0.3726, 0.1826

Previews

White Background



This preview shows how the Yxy color 59.8160, 0.2557, 0.3053 looks on a white background.

Color Contrast Check

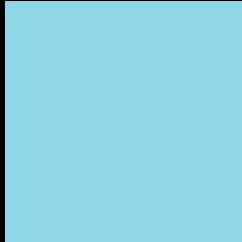
Large Text (above 18pt) WCAG AA × Fail

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 59.8160, 0.2557, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

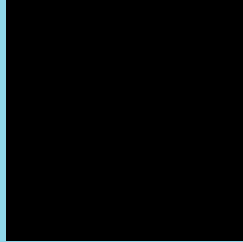
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8160, 0.2557, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 59.8160, 0.2557, 0.3053.



This preview shows how white text looks on a background with the Yxy color 59.8160, 0.2557, 0.3053.

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

59.8160, 0.2557, 0.3053

Protanopia

59.3516, 0.2946, 0.3013

Deuteranopia

59.1687, 0.2916, 0.2842



Tritanopia

59.7023, 0.2567, 0.3077

Trichromacy



Original Color

59.8160, 0.2557, 0.3053

Protanomaly

59.3278, 0.2790, 0.3028

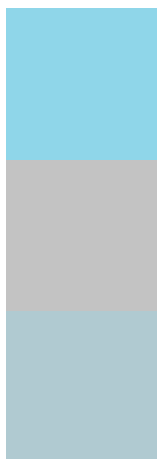
Deuteranomaly

58.8353, 0.2765, 0.2904

Tritanomaly

59.7590, 0.2562, 0.3065

Monochromacy



Original Color

59.8160, 0.2557, 0.3053

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0746, 0.2886, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8160, 0.2557, 0.3053 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, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 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(143, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 233) }
```

Border

The CSS property to change the border of an element to Yxy 59.8160, 0.2557, 0.3053 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, 214, 233) }
```

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

```
.border{ border-color:rgb(143, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8160, 0.2557, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 233) }
```

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

```
.background{ background-color: rgb(143,  
214, 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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