

Converting Colors

$Yxy(59.8043, 0.2593, 0.3055)$

Have a look what the booklet for
Yxy(59.8043, 0.2593, 0.3055)
contains.

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Color

Yxy(59.8043, 0.2593, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	95D5E8
RGB	149, 213, 232
RGB Percent	58%, 84%, 91%
CMY	0.4154, 0.1647, 0.0903
CMYK	0.36, 0.08, 0.00, 0.09
HSL	194°, 64%, 75%
HSV	194°, 36%, 91%
XYZ	50.7602, 59.8043, 85.1942
YIQ	196.0300, -44.2430, -7.6590

Conversions

Conversions Part 2

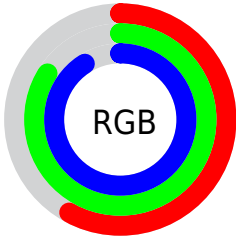
Format	Color
RYB	149, 185, 232
Decimal	9819624
CIELab	81.73, -15.59, -15.79
CIElCh	82, 22.194, 225.360
Yxy	59.8043, 0.2593, 0.3055
Android (android.graphics.Color)	4288009704 (0xFF95D5E8)
YUV	196.0300, 17.7332, -41.2453
Hunter-Lab	77.3332, -18.1688, -11.1836

Details

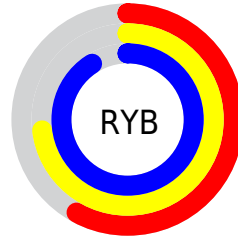
The Yxy color **59.8043, 0.2593, 0.3055** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3484, 0.3908, 0.3510**, and the grayscale version is **55.1411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **29.9680, 0.2463, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **55.2081, 0.2461, 0.2978**, and if you desaturate by 10%, it is **64.9273, 0.2736, 0.3128**.

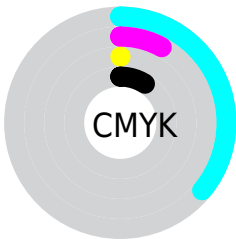
Distribution



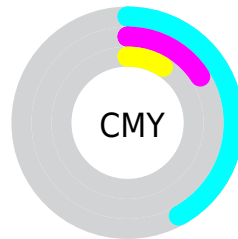
- Red (58%)
- Green (84%)
- Blue (91%)



- Red (58%)
- Yellow (73%)
- Blue (91%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)





- Cyan (42%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8043, 0.2593, 0.3055 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 59.8043, 0.2593, 0.3055 by changing the saturation by 10% instead.


 59.8043, 0.2593,
0.3055


 59.8043, 0.2593,
0.3055


423.8761, 0.2844,
0.3172

 43.2609, 0.2535,
0.3026


 104.5457, 0.2681,
0.3097

 30.0899, 0.2463,
0.2990


 133.5126, 0.2715,
0.3113

 19.9068, 0.2372,
0.2942


167.3893, 0.2744,
0.3127

 12.3273, 0.2252,
0.2877

206.5604, 0.2769,
0.3138

 6.9670, 0.2088,
0.2782

251.4103, 0.2791,
0.3148

 3.4415, 0.1852,
0.2637

302.3232, 0.2811,

 1.3663, 0.1492,

0.3157

0.2388

359.6837, 0.2828,
0.3165

0.1917, 0.0000,
0.1238

0.0000, 0.0000,
0.0000

59.8043, 0.2593,
0.3055

59.8043, 0.2593,
0.3055

55.2081, 0.2461,
0.2978

64.9273, 0.2736,
0.3128

51.1049, 0.2342,
0.2896

70.5947, 0.2885,
0.3195

47.4675, 0.2240,
0.2813

76.8317, 0.3038,
0.3257

44.2628, 0.2157,
0.2727

83.6598, 0.3193,
0.3313

■ 41.4520, 0.2093,
0.2642

■ 89.1414, 0.3278,
0.3365

■ 38.9877, 0.2049,
0.2558

■ 92.3068, 0.3272,
0.3416

■ 38.0104, 0.2034,
0.2522

■ 95.5645, 0.3267,
0.3467

■ 98.6049, 0.3262,
0.3513

Harmonies

Analogous

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



59.8043, 0.2692, 0.3312



59.8043, 0.2593, 0.3055



59.8043, 0.2629, 0.2879

Triad

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



59.8043, 0.2593, 0.3055



59.8043, 0.3339, 0.3026



59.8043, 0.3457, 0.3794

Complementary

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



59.8043, 0.2593, 0.3055



47.3484, 0.3908, 0.3510

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.



59.8043, 0.3646, 0.3687



59.8043, 0.2593, 0.3055



59.8043, 0.3579, 0.3245

Square

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



59.8043, 0.2593, 0.3055



59.8043, 0.3049, 0.2872



59.8043, 0.3693, 0.3484



59.8043, 0.3185, 0.3758

Rectangle

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



59.8043, 0.2593, 0.3055



59.8043, 0.2724, 0.2825



59.8043, 0.3693, 0.3484



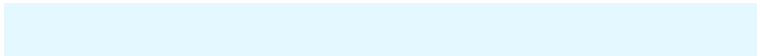
59.8043, 0.3533, 0.3773

Sweetspot

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



59.8066, 0.2593, 0.3055



91.0333, 0.2957, 0.3225



66.8878, 0.2976, 0.4127



19.2615, 0.2936, 0.3217



0.0000, 0.0000, 0.0000



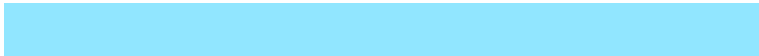
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8066, 0.2593, 0.3055



69.8064, 0.2493, 0.2997



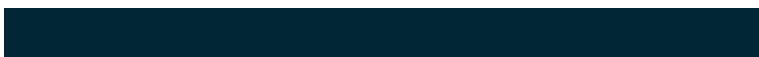
41.9393, 0.2520, 0.2527



15.7473, 0.2981, 0.3235



21.3055, 0.2038, 0.2536



1.7114, 0.2072, 0.2659

Inverse Universe

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



43.4724, 0.3338, 0.2589



47.3252, 0.3395, 0.2446



64.6736, 0.3748, 0.3949



14.5558, 0.3173, 0.3111



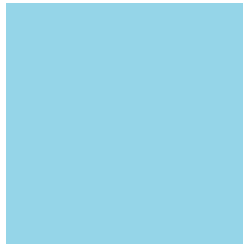
11.3485, 0.3887, 0.1915



0.8524, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 59.8043, 0.2593, 0.3055 looks on a white background.

Color Contrast Check

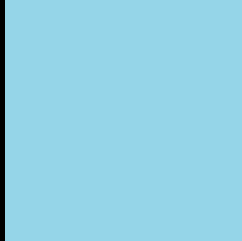
Large Text (above 18pt) WCAG AA × Fail

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 59.8043, 0.2593, 0.3055 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 59.8043, 0.2593, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 59.8043, 0.2593, 0.3055.



This preview shows how white text looks on a background with the Yxy color 59.8043, 0.2593, 0.3055.

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

59.8043, 0.2593, 0.3055

Protanopia

59.4345, 0.2959, 0.3024

Deuteranopia

59.0525, 0.2929, 0.2863



Tritanopia

59.6912, 0.2603, 0.3079

Trichromacy



Original Color

59.8043, 0.2593, 0.3055

Protanomaly

59.0325, 0.2808, 0.3028

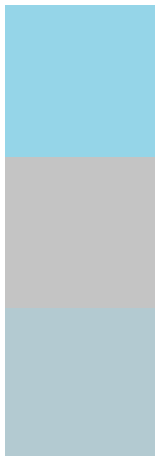
Deuteranomaly

58.9667, 0.2791, 0.2927

Tritanomaly

59.7476, 0.2598, 0.3067

Monochromacy



Original Color

59.8043, 0.2593, 0.3055

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.4282, 0.2908, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8043, 0.2593, 0.3055 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, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(149, 213, 232)  
}
```

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, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 213, 232) }
```

Border

The CSS property to change the border of an element to Yxy 59.8043, 0.2593, 0.3055 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, 213, 232) }
```

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

```
.border{ border-color:rgb(149, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 213, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 213, 232); box-shadow:4px 4px 4px 4px rgb(149, 213, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8043, 0.2593, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 213, 232) }
```

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

```
.background{ background-color: rgb(149,  
213, 232) }
```

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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