

Converting Colors

$Y_{xy}(59.5825, 0.2603, 0.3038)$

Have a look what the booklet for
Yxy(59.5825, 0.2603, 0.3038)
contains.

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Color

Yxy(59.5886, 0.2608, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	98D4E8
RGB	152, 212, 232
RGB Percent	60%, 83%, 91%
CMY	0.4036, 0.1687, 0.0901
CMYK	0.34, 0.09, 0.00, 0.09
HSL	195°, 63%, 75%
HSV	195°, 34%, 91%
XYZ	51.0703, 59.5886, 85.1629
YIQ	196.3400, -42.1800, -6.5000

Conversions

Conversions Part 2

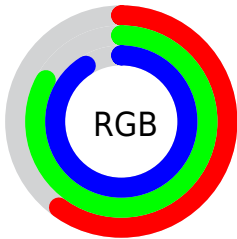
Format	Color
R _{YB}	152, 186, 232
Decimal	10015976
CIE Lab	81.61, -14.26, -15.97
CIE LCh	82, 21.414, 228.235
Yxy	59.5886, 0.2608, 0.3043
Android (android.graphics.Color)	4288206056 (0xFF98D4E8)
YUV	196.3400, 17.5804, -38.8862
Hunter-Lab	77.1937, -16.9955, -11.3754

Details

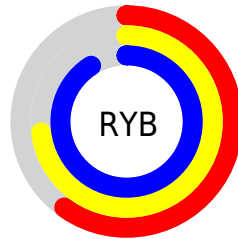
The Yxy color **59.5886, 0.2608, 0.3043** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9746, 0.3864, 0.3522**, and the grayscale version is **55.3393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **29.7899, 0.2479, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **54.7113, 0.2472, 0.2958**, and if you desaturate by 10%, it is **65.0131, 0.2753, 0.3122**.

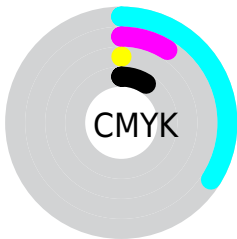
Distribution



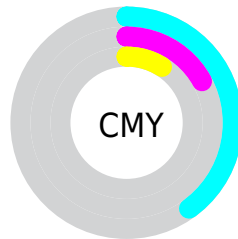
- Red (60%)
- Green (83%)
- Blue (91%)



- Red (60%)
- Yellow (73%)
- Blue (91%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)




- Cyan (40%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5886, 0.2608, 0.3043 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 59.5886, 0.2608, 0.3043 by changing the saturation by 10% instead.


 59.5886, 0.2608,
0.3043


 59.5886, 0.2608,
0.3043


423.0797, 0.2852,
0.3165

 43.0871, 0.2551,
0.3013


 104.2326, 0.2693,
0.3087

 29.9535, 0.2481,
0.2975


 133.1440, 0.2726,
0.3104

 19.8033, 0.2392,
0.2926


166.9608, 0.2755,
0.3118

 12.2521, 0.2275,
0.2858

206.0674, 0.2779,
0.3130

 6.9156, 0.2114,
0.2761

250.8482, 0.2801,
0.3141

 3.4094, 0.1883,
0.2612

301.6875, 0.2820,

 1.3490, 0.1528,

0.3150

0.2358

358.9699, 0.2837,
0.3158

0.1787, 0.0000,
0.1165

0.0000, 0.0000,
0.0000

59.5886, 0.2608,
0.3043

59.5886, 0.2608,
0.3043

54.7113, 0.2472,
0.2958

65.0131, 0.2753,
0.3122

50.3476, 0.2349,
0.2869

71.0025, 0.2904,
0.3195

46.4703, 0.2241,
0.2777

77.5820, 0.3058,
0.3262

43.0466, 0.2152,
0.2683

84.7732, 0.3213,
0.3323

■ 40.0382, 0.2083,
0.2589

■ 90.0285, 0.3276,
0.3379

■ 37.3989, 0.2034,
0.2496

■ 93.5262, 0.3270,
0.3435

■ 36.0539, 0.2012,
0.2445

■ 97.1346, 0.3264,
0.3491

■ 98.6070, 0.3262,
0.3512

Harmonies

Analogous

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



59.5886, 0.2692, 0.3286



59.5886, 0.2608, 0.3043



59.5886, 0.2655, 0.2882

Triad

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



59.5886, 0.2608, 0.3043



59.5886, 0.3357, 0.3053



59.5886, 0.3424, 0.3780

Complementary

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



59.5886, 0.2608, 0.3043



48.9746, 0.3864, 0.3522

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.



59.5886, 0.3616, 0.3689



59.5886, 0.2608, 0.3043



59.5886, 0.3580, 0.3269

Square

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



59.5886, 0.2608, 0.3043



59.5886, 0.3078, 0.2896



59.5886, 0.3676, 0.3499



59.5886, 0.3156, 0.3730

Rectangle

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



59.5886, 0.2608, 0.3043



59.5886, 0.2755, 0.2836



59.5886, 0.3676, 0.3499



59.5886, 0.3500, 0.3764

Sweetspot

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



59.5909, 0.2608, 0.3043



91.4715, 0.2972, 0.3226



67.3853, 0.2966, 0.4056



19.3351, 0.2950, 0.3216



0.0000, 0.0000, 0.0000



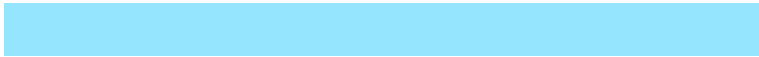
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5909, 0.2608, 0.3043



69.6777, 0.2515, 0.2986



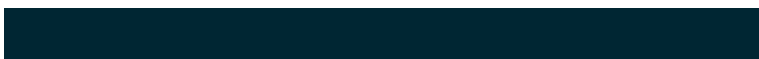
42.0405, 0.2539, 0.2524



15.6927, 0.2981, 0.3230



20.2232, 0.2017, 0.2460



1.6395, 0.2054, 0.2595

Inverse Universe

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



44.3944, 0.3344, 0.2632



48.8629, 0.3400, 0.2504



66.5302, 0.3714, 0.3952



14.5503, 0.3176, 0.3116



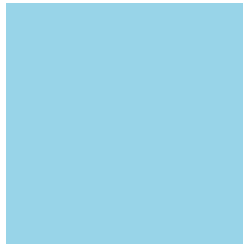
11.2393, 0.3963, 0.1957



0.8452, 0.3829, 0.1883

Previews

White Background



This preview shows how the Yxy color 59.5886, 0.2608, 0.3043 looks on a white background.

Color Contrast Check

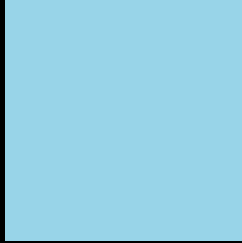
Large Text (above 18pt) WCAG AA × Fail

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 59.5886, 0.2608, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

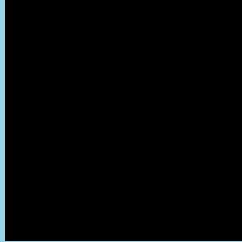
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5886, 0.2608, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 59.5886, 0.2608, 0.3043.



This preview shows how white text looks on a background with the Yxy color 59.5886, 0.2608, 0.3043.

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

59.5886, 0.2608, 0.3043

Protanopia

59.3516, 0.2946, 0.3013

Deuteranopia

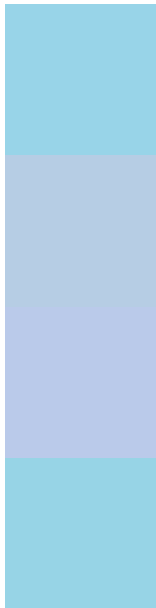
59.0525, 0.2929, 0.2863



Tritanopia

59.3234, 0.2618, 0.3079

Trichromacy



Original Color

59.5886, 0.2608, 0.3043

Protanomaly

59.2092, 0.2809, 0.3017

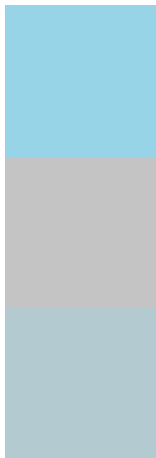
Deuteranomaly

58.6207, 0.2797, 0.2916

Tritanomaly

59.3794, 0.2613, 0.3067

Monochromacy



Original Color

59.5886, 0.2608, 0.3043

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.5478, 0.2915, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5886, 0.2608, 0.3043 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(152, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(152, 212, 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(152, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 212, 232) }
```

Border

The CSS property to change the border of an element to Yxy 59.5886, 0.2608, 0.3043 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(152, 212, 232) }
```

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

```
.border{ border-color:rgb(152, 212, 232) }
```

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

Here you see how a box with a 4 pixel rgb(152, 212, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(152, 212,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5886, 0.2608, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 212, 232) }
```

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

```
.background{ background-color: rgb(152,  
212, 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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