

Converting Colors

$Y_{xy}(59.0175, 0.2617, 0.3063)$

Have a look what the booklet for
Yxy(59.0175, 0.2617, 0.3063)
contains.

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Color

Yxy(58.9771, 0.2617, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	98D3E6
RGB	152, 211, 230
RGB Percent	60%, 83%, 90%
CMY	0.4036, 0.1726, 0.0979
CMYK	0.34, 0.08, 0.00, 0.10
HSL	195°, 61%, 75%
HSV	195°, 34%, 90%
XYZ	50.5380, 58.9771, 83.5992
YIQ	195.5250, -41.2630, -6.5990

Conversions

Conversions Part 2

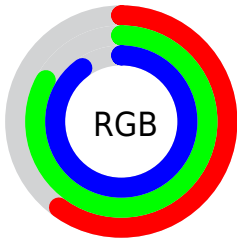
Format	Color
RYB	152, 186, 230
Decimal	10015718
CIELab	81.28, -14.24, -15.42
CIElCh	81, 20.983, 227.277
Yxy	58.9771, 0.2617, 0.3054
Android (android.graphics.Color)	4288205798 (0xFF98D3E6)
YUV	195.5250, 16.9962, -38.1714
Hunter-Lab	76.7965, -16.9273, -10.7843

Details

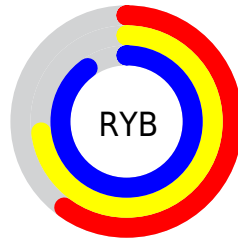
The Yxy color **58.9771, 0.2617, 0.3054** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2623, 0.3849, 0.3512**, and the grayscale version is **54.8278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **29.4296, 0.2496, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **54.2275, 0.2481, 0.2972**, and if you desaturate by 10%, it is **64.2594, 0.2762, 0.3131**.

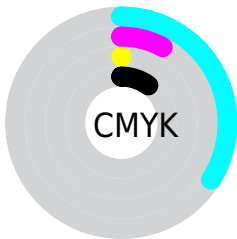
Distribution



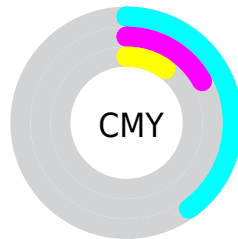
- Red (60%)
- Green (83%)
- Blue (90%)



- Red (60%)
- Yellow (73%)
- Blue (90%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)




- Cyan (40%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9771, 0.2617, 0.3054 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 58.9771, 0.2617, 0.3054 by changing the saturation by 10% instead.

 58.9771, 0.2617,
0.3054


 58.9771, 0.2617,
0.3054


420.8170, 0.2857,
0.3171

 42.5947, 0.2561,
0.3025


 103.3444, 0.2701,
0.3096

 29.5672, 0.2492,
0.2989


 132.0980, 0.2734,
0.3112

 19.5103, 0.2403,
0.2941


165.7442, 0.2762,
0.3126

 12.0396, 0.2287,
0.2875

204.6674, 0.2786,
0.3137

 6.7707, 0.2127,
0.2781

249.2518, 0.2807,
0.3148

 3.3191, 0.1896,
0.2635

299.8820, 0.2826,

 1.3005, 0.1539,

0.3156

0.2384

356.9423, 0.2843,
0.3164

0.1416, 0.0000,
0.1012

0.0000, 0.0000,
0.0000

58.9771, 0.2617,
0.3054

58.9771, 0.2617,
0.3054

54.2275, 0.2481,
0.2972

64.2594, 0.2762,
0.3131

49.9775, 0.2358,
0.2886

70.0912, 0.2913,
0.3202

46.2011, 0.2250,
0.2796

76.4973, 0.3067,
0.3267

42.8662, 0.2161,
0.2705

83.4984, 0.3221,
0.3325

■ 39.9360, 0.2092,
0.2614

■ 88.7503, 0.3290,
0.3379

■ 37.3658, 0.2042,
0.2523

■ 92.0919, 0.3284,
0.3434

■ 35.9300, 0.2019,
0.2468

■ 95.5366, 0.3278,
0.3488

■ 98.4945, 0.3274,
0.3532

Harmonies

Analogous

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



58.9771, 0.2704, 0.3294



58.9771, 0.2617, 0.3054



58.9771, 0.2659, 0.2892

Triad

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



58.9771, 0.2617, 0.3054



58.9771, 0.3345, 0.3051



58.9771, 0.3426, 0.3771

Complementary

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



58.9771, 0.2617, 0.3054



48.2623, 0.3849, 0.3512

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.



58.9771, 0.3612, 0.3678



58.9771, 0.2617, 0.3054



58.9771, 0.3567, 0.3262

Square

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



58.9771, 0.2617, 0.3054



58.9771, 0.3071, 0.2899



58.9771, 0.3666, 0.3489



58.9771, 0.3165, 0.3726

Rectangle

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



58.9771, 0.2617, 0.3054



58.9771, 0.2756, 0.2845



58.9771, 0.3666, 0.3489



58.9771, 0.3500, 0.3753

Sweetspot

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



58.9794, 0.2617, 0.3054



91.5716, 0.2972, 0.3227



66.2011, 0.2976, 0.4058



19.3594, 0.2950, 0.3218



0.0000, 0.0000, 0.0000



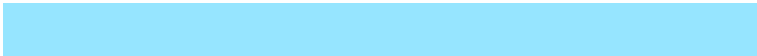
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9794, 0.2617, 0.3054



70.0458, 0.2516, 0.2994



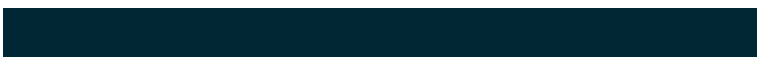
42.2297, 0.2552, 0.2556



15.7088, 0.2981, 0.3231



20.5378, 0.2023, 0.2482



1.6604, 0.2060, 0.2614

Inverse Universe

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



44.0091, 0.3335, 0.2638



48.9000, 0.3394, 0.2498



64.8131, 0.3707, 0.3928



14.5519, 0.3175, 0.3114



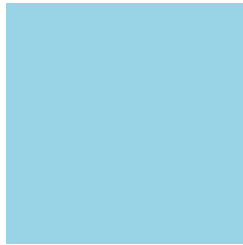
11.2710, 0.3940, 0.1944



0.8473, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 58.9771, 0.2617, 0.3054 looks on a white background.

Color Contrast Check

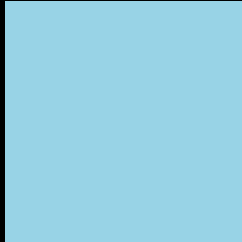
Large Text (above 18pt) WCAG AA × Fail

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 58.9771, 0.2617, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

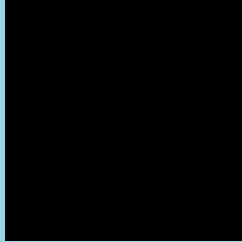
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9771, 0.2617, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 58.9771, 0.2617, 0.3054.

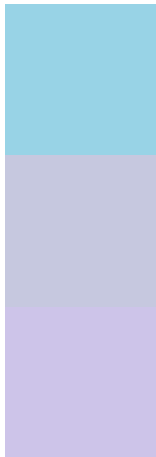


This preview shows how white text looks on a background with the Yxy color 58.9771, 0.2617, 0.3054.

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

58.9771, 0.2617, 0.3054

Protanopia

58.6420, 0.2951, 0.3023

Deuteranopia

58.3422, 0.2935, 0.2872



Tritanopia

58.8654, 0.2628, 0.3078

Trichromacy



Original Color

58.9771, 0.2617, 0.3054

Protanomaly

58.5005, 0.2814, 0.3027

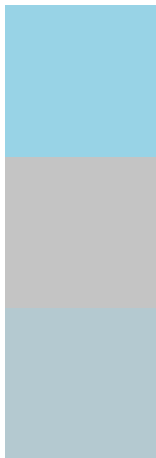
Deuteranomaly

58.0386, 0.2808, 0.2926

Tritanomaly

58.9211, 0.2622, 0.3066

Monochromacy



Original Color

58.9771, 0.2617, 0.3054

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0307, 0.2921, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9771, 0.2617, 0.3054 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, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 211, 230)  
}
```

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, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 211, 230) }
```

Border

The CSS property to change the border of an element to Yxy 58.9771, 0.2617, 0.3054 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, 211, 230) }
```

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

```
.border{ border-color:rgb(152, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 211,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9771, 0.2617, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 211, 230) }
```

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

```
.background{ background-color: rgb(152,  
211, 230) }
```

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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