

Converting Colors

$Yxy(48.3785, 0.2599, 0.2975)$

Have a look what the booklet for
Yxy(48.3785, 0.2599, 0.2975)
contains.

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Color

Yxy(48.3199, 0.2597, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	8DC0D8
RGB	141, 192, 216
RGB Percent	55%, 75%, 85%
CMY	0.4469, 0.2471, 0.1528
CMYK	0.35, 0.11, 0.00, 0.15
HSL	199°, 49%, 70%
HSV	199°, 35%, 85%
XYZ	42.2372, 48.3199, 72.0814
YIQ	179.4870, -38.1000, -3.3480

Conversions

Conversions Part 2

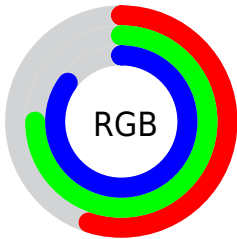
Format	Color
RYB	141, 171, 216
Decimal	9289944
CIELab	75.03, -10.80, -17.37
CIELCh	75, 20.451, 238.121
Yxy	48.3199, 0.2597, 0.2971
Android (android.graphics.Color)	4287480024 (0xFF8DC0D8)
YUV	179.4870, 18.0009, -33.7531
Hunter-Lab	69.5125, -13.1867, -12.8223

Details

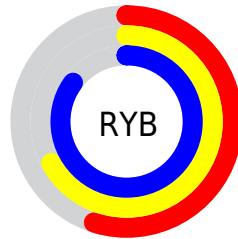
The Yxy color $48.3199, 0.2597, 0.2971$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $43.4676, 0.3845, 0.3586$, and the grayscale version is $45.2766, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2251, 0.2783, 0.3215$, and $23.0647, 0.2456, 0.2890$ is the 20% darker color. If you saturate the color by 10%, you get $43.6387, 0.2454, 0.2862$, and if you desaturate by 10%, it is $53.5173, 0.2747, 0.3073$.

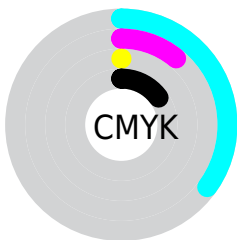
Distribution



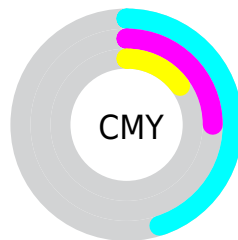
- Red (55%)
- Green (75%)
- Blue (85%)



- Red (55%)
- Yellow (67%)
- Blue (85%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3199, 0.2597, 0.2971 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 48.3199, 0.2597, 0.2971 by changing the saturation by 10% instead.

■ 48.3199, 0.2597,
0.2971

■ 48.3199, 0.2597,
0.2971

■ 380.0587, 0.2855,
0.3132

■ 34.0803, 0.2535,
0.2930

■ 87.6805, 0.2689,
0.3030

■ 22.9553, 0.2456,
0.2878

■ 113.5703, 0.2724,
0.3052

■ 14.5605, 0.2354,
0.2809

■ 144.1123, 0.2754,
0.3071

■ 8.5115, 0.2217,
0.2713

■ 179.6908, 0.2780,
0.3087

■ 4.4240, 0.2022,
0.2570

■ 220.6904, 0.2803,
0.3100

■ 1.9134, 0.1729,
0.2342

■ 267.4953, 0.2822,

■ 0.5564, 0.0908,

0.3112

0.1906

320.4899, 0.2840,
0.3123

0.0000, 0.0000,
0.0000

48.3199, 0.2597,
0.2971

48.3199, 0.2597,
0.2971

43.6387, 0.2454,
0.2862

53.5173, 0.2747,
0.3073

39.4446, 0.2323,
0.2746

59.2470, 0.2901,
0.3167

35.7137, 0.2206,
0.2626

65.5311, 0.3055,
0.3253

32.4171, 0.2107,
0.2503

72.3887, 0.3208,
0.3330

29.5219, 0.2028,
0.2380

79.8379, 0.3356,
0.3398

■ 26.9878, 0.1969,
0.2259

■ 84.8025, 0.3389,
0.3465

■ 25.7574, 0.1943,
0.2196

■ 88.8125, 0.3379,
0.3533

■ 92.9783, 0.3368,
0.3599

■ 97.3014, 0.3358,
0.3664

Harmonies

Analogous

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



48.3199, 0.2639, 0.3198



48.3199, 0.2597, 0.2971



48.3199, 0.2688, 0.2843

Triad

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



48.3199, 0.2597, 0.2971



48.3199, 0.3449, 0.3116



48.3199, 0.3345, 0.3792

Complementary

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



48.3199, 0.2597, 0.2971



43.4676, 0.3845, 0.3586

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.



48.3199, 0.3576, 0.3743



48.3199, 0.2597, 0.2971



48.3199, 0.3640, 0.3347

Square

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



48.3199, 0.2597, 0.2971



48.3199, 0.3172, 0.2931



48.3199, 0.3687, 0.3575



48.3199, 0.3063, 0.3692

Rectangle

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



48.3199, 0.2597, 0.2971



48.3199, 0.2815, 0.2822



48.3199, 0.3687, 0.3575



48.3199, 0.3431, 0.3792

Sweetspot

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



48.3218, 0.2597, 0.2971



90.3755, 0.2972, 0.3208



57.5001, 0.2935, 0.3988



19.0690, 0.2950, 0.3195



0.0000, 0.0000, 0.0000



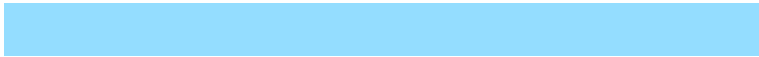
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3218, 0.2597, 0.2971



65.0450, 0.2487, 0.2887



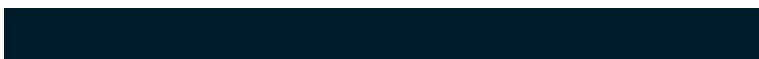
34.0013, 0.2528, 0.2450



13.4054, 0.2982, 0.3214



15.4448, 0.1948, 0.2214



1.0782, 0.2006, 0.2422

Inverse Universe

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



37.4728, 0.3397, 0.2687



47.6113, 0.3478, 0.2555



58.8991, 0.3697, 0.4008



12.5618, 0.3186, 0.3133



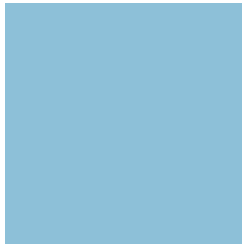
9.9040, 0.4217, 0.2097



0.6122, 0.4001, 0.1978

Previews

White Background



This preview shows how the Yxy color 48.3199, 0.2597, 0.2971 looks on a white background.

Color Contrast Check

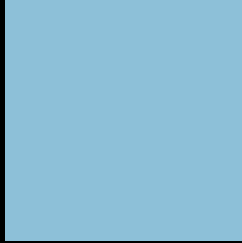
Large Text (above 18pt) WCAG AA × Fail

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 48.3199, 0.2597, 0.2971 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 48.3199, 0.2597, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 48.3199, 0.2597, 0.2971.



This preview shows how white text looks on a background with the Yxy color 48.3199, 0.2597, 0.2971.

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

48.3199, 0.2597, 0.2971

Protanopia

48.2234, 0.2900, 0.2951

Deuteranopia

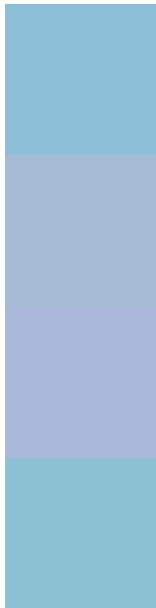
48.0713, 0.2874, 0.2813



Tritanopia

48.2323, 0.2627, 0.3074

Trichromacy



Original Color

48.3199, 0.2597, 0.2971

Protanomaly

47.9783, 0.2783, 0.2956

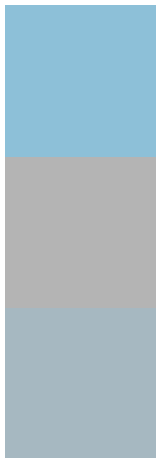
Deuteranomaly

47.7780, 0.2763, 0.2860

Tritanomaly

48.4688, 0.2616, 0.3035

Monochromacy



Original Color

48.3199, 0.2597, 0.2971

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2382, 0.2913, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3199, 0.2597, 0.2971 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(141, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(141, 192, 216)  
}
```

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(141, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 192, 216) }
```

Border

The CSS property to change the border of an element to Yxy 48.3199, 0.2597, 0.2971 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(141, 192, 216) }
```

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

```
.border{ border-color:rgb(141, 192, 216) }
```

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

Here you see how a box with a 4 pixel rgb(141, 192, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(141, 192,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3199, 0.2597, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 192, 216) }
```

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

```
.background{ background-color: rgb(141,  
192, 216) }
```

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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