

Converting Colors

Yxy(59.4418, 0.2500, 0.3003)

Have a look what the booklet for
Yxy(59.4418, 0.2500, 0.3003)
contains.

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Color

Yxy(59.4418, 0.2500, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	88D6ED
RGB	136, 214, 237
RGB Percent	53%, 84%, 93%
CMY	0.4668, 0.1608, 0.0704
CMYK	0.43, 0.10, 0.00, 0.07
HSL	194°, 74%, 73%
HSV	194°, 43%, 93%
XYZ	49.4853, 59.4418, 89.0142
YIQ	193.3000, -53.8710, -9.3830

Conversions

Conversions Part 2

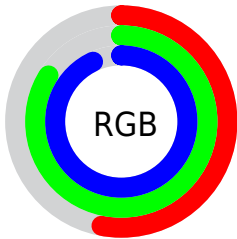
Format	Color
RYB	136, 180, 237
Decimal	8967917
CIELab	81.53, -18.17, -18.85
CIElCh	82, 26.177, 226.054
Yxy	59.4418, 0.2500, 0.3003
Android (android.graphics.Color)	4287157997 (0xFF88D6ED)
YUV	193.3000, 21.5441, -50.2521
Hunter-Lab	77.0985, -20.3529, -14.4844

Details

The Yxy color **59.4418, 0.2500, 0.3003** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5824, 0.4125, 0.3552**, and the grayscale version is **53.4061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **29.7947, 0.2350, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **54.9857, 0.2377, 0.2923**, and if you desaturate by 10%, it is **64.4320, 0.2636, 0.3079**.

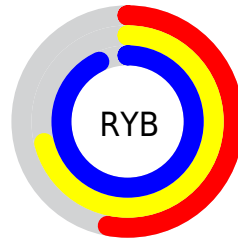
Distribution



Red (53%)

Green (84%)

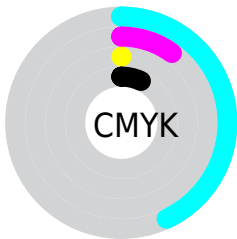
Blue (93%)



Red (53%)

Yellow (71%)

Blue (93%)

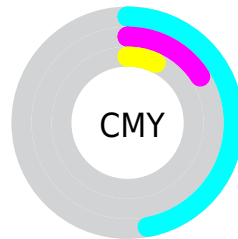


Cyan (43%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4418, 0.2500, 0.3003 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 59.4418, 0.2500, 0.3003 by changing the saturation by 10% instead.

■ 59.4418, 0.2500,
0.3003

■ 59.4418, 0.2500,
0.3003

■ 422.5372, 0.2793,
0.3146

■ 42.9689, 0.2433,
0.2968

■ 104.0195, 0.2602,
0.3055

■ 29.8607, 0.2349,
0.2923

■ 132.8931, 0.2642,
0.3074

■ 19.7329, 0.2244,
0.2864

■ 166.6690, 0.2676,
0.3091

■ 12.2010, 0.2106,
0.2784

■ 205.7316, 0.2705,
0.3105

■ 6.8807, 0.1921,
0.2670

■ 250.4653, 0.2731,
0.3117

■ 3.3876, 0.1658,
0.2494

■ 301.2546, 0.2754,

■ 1.3373, 0.1267,

0.3128

0.2200

358.4837, 0.2775,
0.3138

0.1698, 0.0000,
0.0955

0.0000, 0.0000,
0.0000

59.4418, 0.2500,
0.3003

59.4418, 0.2500,
0.3003

54.9857, 0.2377,
0.2923

64.4320, 0.2636,
0.3079

51.0266, 0.2270,
0.2840

69.9767, 0.2781,
0.3150

47.5331, 0.2181,
0.2756

76.1037, 0.2932,
0.3215

44.4665, 0.2111,
0.2671

82.8364, 0.3086,
0.3275

■ 41.7802, 0.2061,
0.2586

■ 90.1971, 0.3241,
0.3329

■ 39.9935, 0.2035,
0.2525

■ 93.5408, 0.3239,
0.3381

■ 96.8821, 0.3235,
0.3433

■ 98.8967, 0.3232,
0.3463

Harmonies

Analogous

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



59.4418, 0.2611, 0.3305



59.4418, 0.2500, 0.3003



59.4418, 0.2545, 0.2802

Triad

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



59.4418, 0.2500, 0.3003



59.4418, 0.3384, 0.2986



59.4418, 0.3508, 0.3888

Complementary

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



59.4418, 0.2500, 0.3003



44.5824, 0.4125, 0.3552

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.



59.4418, 0.3736, 0.3759



59.4418, 0.2500, 0.3003



59.4418, 0.3667, 0.3241

Square

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



59.4418, 0.2500, 0.3003



59.4418, 0.3041, 0.2805



59.4418, 0.3798, 0.3520



59.4418, 0.3185, 0.3845

Rectangle

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



59.4418, 0.2500, 0.3003



59.4418, 0.2658, 0.2743



59.4418, 0.3798, 0.3520



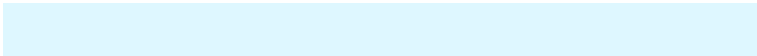
59.4418, 0.3599, 0.3862

Sweetspot

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



59.4441, 0.2500, 0.3003



89.5206, 0.2926, 0.3213



68.2856, 0.2951, 0.4325



18.8065, 0.2892, 0.3199



0.0000, 0.0000, 0.0000



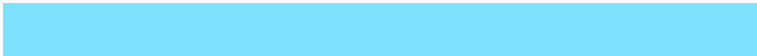
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4441, 0.2500, 0.3003



65.6244, 0.2394, 0.2935



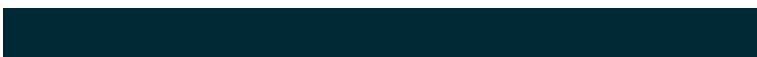
38.1145, 0.2391, 0.2347



16.5059, 0.2981, 0.3235



22.0342, 0.2039, 0.2539



1.8721, 0.2071, 0.2655

Inverse Universe

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



40.4645, 0.3390, 0.2455



41.3708, 0.3460, 0.2301



65.0949, 0.3884, 0.4076



15.2516, 0.3173, 0.3110



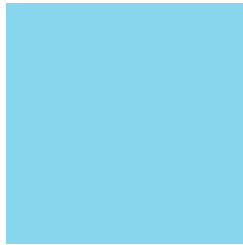
11.7172, 0.3884, 0.1913



0.9344, 0.3771, 0.1851

Previews

White Background



This preview shows how the Yxy color 59.4418, 0.2500, 0.3003 looks on a white background.

Color Contrast Check

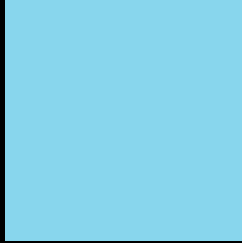
Large Text (above 18pt) WCAG AA × Fail

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 59.4418, 0.2500, 0.3003 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 59.4418, 0.2500, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 59.4418, 0.2500, 0.3003.



This preview shows how white text looks on a background with the Yxy color 59.4418, 0.2500, 0.3003.

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

59.4418, 0.2500, 0.3003

Protanopia

58.7803, 0.2911, 0.2966

Deuteranopia

58.8399, 0.2861, 0.2796



Tritanopia

59.5780, 0.2522, 0.3076

Trichromacy



Original Color

59.4418, 0.2500, 0.3003

Protanomaly

58.5461, 0.2744, 0.2979

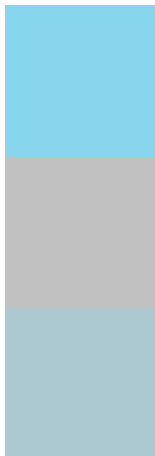
Deuteranomaly

58.4681, 0.2708, 0.2856

Tritanomaly

59.6923, 0.2512, 0.3052

Monochromacy



Original Color

59.4418, 0.2500, 0.3003

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.1474, 0.2857, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4418, 0.2500, 0.3003 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(136, 214, 237)` looks like.

```
.text, #text, p{  
    color:rgb(136, 214, 237)  
}
```

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(136, 214, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 214, 237) }
```

Border

The CSS property to change the border of an element to Yxy 59.4418, 0.2500, 0.3003 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(136, 214, 237) }
```

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

```
.border{ border-color:rgb(136, 214, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 214, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 214, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 214, 237);  
box-shadow:4px 4px 4px 4px rgb(136, 214,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4418, 0.2500, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 214, 237) }
```

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

```
.background{ background-color: rgb(136,  
214, 237) }
```

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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