

Converting Colors

Yxy(58.4734, 0.2614, 0.2949)

Have a look what the booklet for
Yxy(58.4734, 0.2614, 0.2949)
contains.

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Color

Yxy(58.4370, 0.2614, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	9ED0EC
RGB	158, 208, 236
RGB Percent	62%, 82%, 93%
CMY	0.3804, 0.1843, 0.0744
CMYK	0.33, 0.12, 0.00, 0.07
HSL	202°, 67%, 77%
HSV	202°, 33%, 93%
XYZ	51.7987, 58.4370, 87.9230
YIQ	196.2420, -38.7880, -1.8920

Conversions

Conversions Part 2

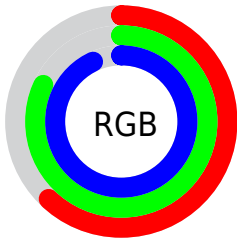
Format	Color
RYB	158, 188, 236
Decimal	10408172
CIELab	80.98, -9.61, -19.03
CIElCh	81, 21.322, 243.206
Yxy	58.4370, 0.2614, 0.2949
Android (android.graphics.Color)	4288598252 (0xFF9ED0EC)
YUV	196.2420, 19.6007, -33.5382
Hunter-Lab	76.4441, -12.8252, -14.6822

Details

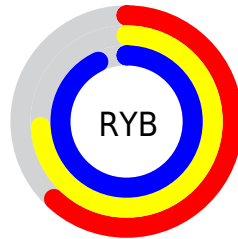
The Yxy color **58.4370, 0.2614, 0.2949** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.4318, 0.3794, 0.3606**, and the grayscale version is **55.2539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **29.3495, 0.2492, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **52.2477, 0.2465, 0.2826**, and if you desaturate by 10%, it is **65.3114, 0.2768, 0.3063**.

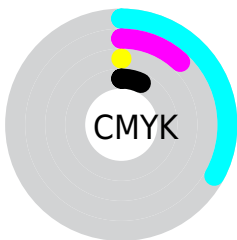
Distribution



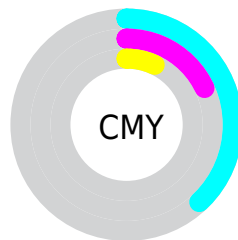
- Red (62%)
- Green (82%)
- Blue (93%)



- Red (62%)
- Yellow (74%)
- Blue (93%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4370, 0.2614, 0.2949 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 58.4370, 0.2614, 0.2949 by changing the saturation by 10% instead.

■ 58.4370, 0.2614,
0.2949

■ 58.4370, 0.2614,
0.2949

■ 418.8123, 0.2856,
0.3115

■ 42.1601, 0.2558,
0.2909

■ 102.5590, 0.2699,
0.3008

■ 29.2267, 0.2488,
0.2859

■ 131.1728, 0.2732,
0.3031

■ 19.2523, 0.2399,
0.2794

■ 164.6677, 0.2760,
0.3050

■ 11.8528, 0.2282,
0.2706

■ 203.4281, 0.2784,
0.3067

■ 6.6435, 0.2121,
0.2582

■ 247.8383, 0.2805,
0.3081

■ 3.2402, 0.1890,
0.2397

■ 298.2829, 0.2824,

■ 1.2584, 0.1535,

0.3094

0.2092

355.1461, 0.2841,
0.3105

0.1086, 0.0000,
0.0661

0.0000, 0.0000,
0.0000

58.4370, 0.2614,
0.2949

58.4370, 0.2614,
0.2949

52.2477, 0.2465,
0.2826

65.3114, 0.2768,
0.3063

46.7068, 0.2326,
0.2695

72.8917, 0.2925,
0.3168

41.7840, 0.2201,
0.2559

81.2060, 0.3080,
0.3263

37.4432, 0.2093,
0.2420

90.2787, 0.3232,
0.3348

■ 33.6429, 0.2005,
0.2280

■ 95.9277, 0.3242,
0.3429

■ 30.3337, 0.1939,
0.2143

■ 98.8375, 0.3238,
0.3473

■ 28.2742, 0.1903,
0.2049

Harmonies

Analogous

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



58.4370, 0.2633, 0.3157



58.4370, 0.2614, 0.2949



58.4370, 0.2724, 0.2842

Triad

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



58.4370, 0.2614, 0.2949



58.4370, 0.3481, 0.3156



58.4370, 0.3295, 0.3775

Complementary

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



58.4370, 0.2614, 0.2949



55.4318, 0.3794, 0.3606

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.



58.4370, 0.3535, 0.3751



58.4370, 0.2614, 0.2949



58.4370, 0.3648, 0.3386

Square

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



58.4370, 0.2614, 0.2949



58.4370, 0.3220, 0.2964



58.4370, 0.3666, 0.3603



58.4370, 0.3018, 0.3652

Rectangle

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



58.4370, 0.2614, 0.2949



58.4370, 0.2860, 0.2835



58.4370, 0.3666, 0.3603



58.4370, 0.3383, 0.3783

Sweetspot

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



58.4393, 0.2614, 0.2949



89.7759, 0.2972, 0.3198



70.7891, 0.2928, 0.3919



18.9236, 0.2950, 0.3184



0.0000, 0.0000, 0.0000



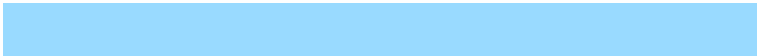
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4393, 0.2614, 0.2949



64.3263, 0.2508, 0.2862



41.9646, 0.2552, 0.2458



16.1591, 0.2981, 0.3203



15.8357, 0.1909, 0.2071



1.4245, 0.1961, 0.2259

Inverse Universe

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



46.8445, 0.3410, 0.2744



49.1237, 0.3492, 0.2626



73.7888, 0.3663, 0.4003



15.2166, 0.3193, 0.3140



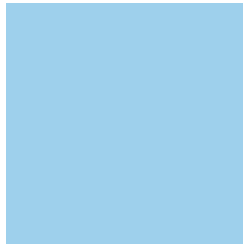
11.0914, 0.4373, 0.2183



0.8892, 0.4169, 0.2071

Previews

White Background



This preview shows how the Yxy color 58.4370, 0.2614, 0.2949 looks on a white background.

Color Contrast Check

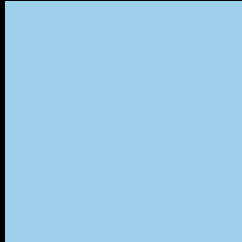
Large Text (above 18pt) WCAG AA × Fail

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 58.4370, 0.2614, 0.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

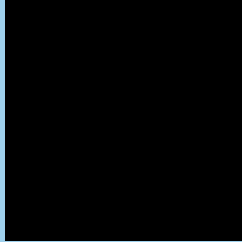
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4370, 0.2614, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 58.4370, 0.2614, 0.2949.



This preview shows how white text looks on a background with the Yxy color 58.4370, 0.2614, 0.2949.

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

58.4370, 0.2614, 0.2949

Protanopia

58.1621, 0.2883, 0.2931

Deuteranopia

58.1294, 0.2866, 0.2804



Tritanopia

58.6521, 0.2661, 0.3091

Trichromacy



Original Color

58.4370, 0.2614, 0.2949

Protanomaly

58.0123, 0.2782, 0.2935

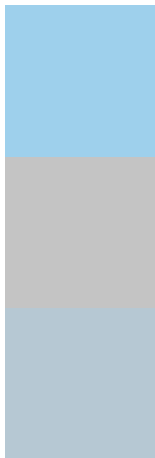
Deuteranomaly

57.7959, 0.2764, 0.2847

Tritanomaly

58.4822, 0.2643, 0.3031

Monochromacy



Original Color

58.4370, 0.2614, 0.2949

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9568, 0.2915, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4370, 0.2614, 0.2949 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(158, 208, 236)` looks like.

```
.text, #text, p{  
    color:rgb(158, 208, 236)  
}
```

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(158, 208, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 208, 236) }
```

Border

The CSS property to change the border of an element to Yxy 58.4370, 0.2614, 0.2949 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(158, 208, 236) }
```

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

```
.border{ border-color:rgb(158, 208, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 208, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 208, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 208, 236);  
box-shadow:4px 4px 4px 4px rgb(158, 208,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4370, 0.2614, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 208, 236) }
```

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

```
.background{ background-color: rgb(158,  
208, 236) }
```

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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