

Converting Colors

Yxy(58.4658, 0.2425, 0.2740)

Have a look what the booklet for
Yxy(58.4658, 0.2425, 0.2740)
contains.

Yxy(58.3964, 0.2423, 0.2739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.3964, 0.2423, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	8CD1FF
RGB	140, 209, 255
RGB Percent	55%, 82%, 100%
CMY	0.4511, 0.1803, 0.0000
CMYK	0.45, 0.18, 0.00, 0.00
HSL	204°, 100%, 77%
HSV	204°, 45%, 100%
XYZ	51.6592, 58.3964, 103.1478
YIQ	193.6130, -55.8900, -0.3220

Conversions

Conversions Part 2

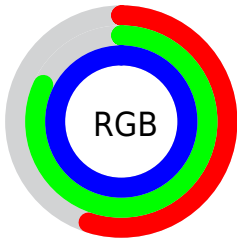
Format	Color
R_{YB}	140, 183, 255
Decimal	9228799
CIE Lab	80.96, -9.88, -29.25
CIE LCh	81, 30.879, 251.336
Yxy	58.3964, 0.2423, 0.2739
Android (android.graphics.Color)	4287418879 (0xFF8CD1FF)
YUV	193.6130, 30.2638, -47.0186
Hunter-Lab	76.4175, -13.0625, -26.5369

Details

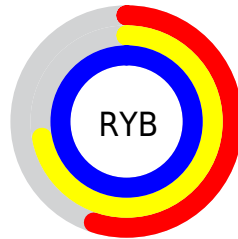
The Yxy color **58.3964, 0.2423, 0.2739** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.2442, 0.4112, 0.3771**, and the grayscale version is **53.5476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **29.3137, 0.2258, 0.2607** is the 20% darker color. If you saturate the color by 10%, you get **51.5920, 0.2281, 0.2590**, and if you desaturate by 10%, it is **66.0384, 0.2575, 0.2880**.

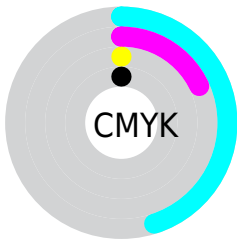
Distribution



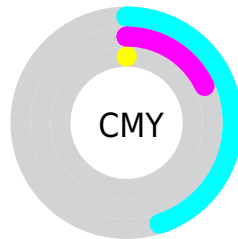
- Red (55%)
- Green (82%)
- Blue (100%)



- Red (55%)
- Yellow (72%)
- Blue (100%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3964, 0.2423, 0.2739 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 58.3964, 0.2423, 0.2739 by changing the saturation by 10% instead.


 58.3964, 0.2423,
0.2739


 58.3964, 0.2423,
0.2739


418.6614, 0.2751,
0.3004

 42.1274, 0.2348,
0.2677


 102.4999, 0.2537,
0.2832

 29.2011, 0.2256,
0.2599


 131.1032, 0.2581,
0.2868

 19.2330, 0.2140,
0.2500


164.5867, 0.2620,
0.2899

 11.8387, 0.1991,
0.2369

203.3348, 0.2653,
0.2926

 6.6340, 0.1792,
0.2191

247.7319, 0.2682,
0.2949

 3.2343, 0.1518,
0.1935

298.1625, 0.2708,

 1.2552, 0.1131,

0.2970

355.0108, 0.2731,
0.2988

0.1553

0.1061, 0.0000,
0.0375

0.0000, 0.0000,
0.0000

58.3964, 0.2423,
0.2739

58.3964, 0.2423,
0.2739

51.5920, 0.2281,
0.2590

66.0384, 0.2575,
0.2880

45.5765, 0.2153,
0.2436

74.5495, 0.2732,
0.3011

40.3056, 0.2043,
0.2278

83.9675, 0.2891,
0.3130

35.7256, 0.1954,
0.2122

94.3255, 0.3048,
0.3239

■ 31.7716, 0.1887,
0.1969

99.9994, 0.3127,
0.3290

■ 30.0234, 0.1860,
0.1896

Harmonies

Analogous

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



58.3964, 0.2399, 0.2995



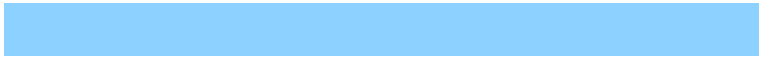
58.3964, 0.2423, 0.2739



58.3964, 0.2621, 0.2641

Triad

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



58.3964, 0.2423, 0.2739



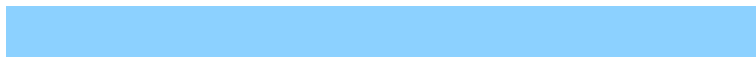
58.3964, 0.3726, 0.3178



58.3964, 0.3254, 0.3978

Complementary

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



58.3964, 0.2423, 0.2739



58.2442, 0.4112, 0.3771

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.



58.3964, 0.3628, 0.3988



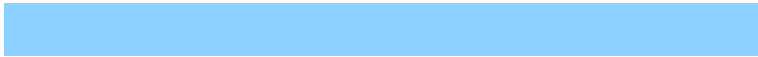
58.3964, 0.2423, 0.2739



58.3964, 0.3915, 0.3503

Square

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



58.3964, 0.2423, 0.2739



58.3964, 0.3367, 0.2892



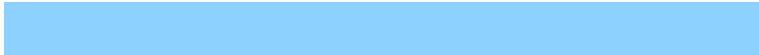
58.3964, 0.3875, 0.3801



58.3964, 0.2862, 0.3743

Rectangle

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



58.3964, 0.2423, 0.2739



58.3964, 0.2835, 0.2664



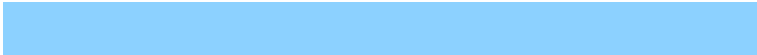
58.3964, 0.3875, 0.3801



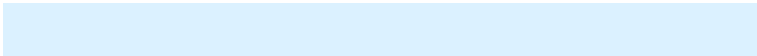
58.3964, 0.3386, 0.4007

Sweetspot

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



58.3986, 0.2423, 0.2739



85.0775, 0.2909, 0.3143



80.5495, 0.2850, 0.4157



17.7535, 0.2874, 0.3118



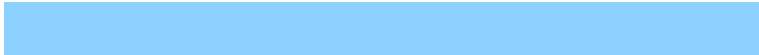
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



58.3986, 0.2423, 0.2739



52.3121, 0.2296, 0.2607



35.7000, 0.2299, 0.2036



19.1917, 0.2979, 0.3193



15.9893, 0.1867, 0.1921



1.7707, 0.1915, 0.2093

Inverse Universe

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



44.6079, 0.3603, 0.2588



38.2208, 0.3740, 0.2462



86.3998, 0.3853, 0.4290



18.1702, 0.3200, 0.3148



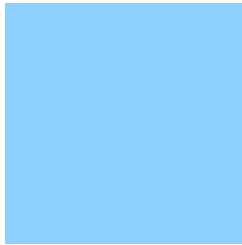
12.3421, 0.4543, 0.2276



1.2233, 0.4349, 0.2169

Previews

White Background



This preview shows how the Yxy color 58.3964, 0.2423, 0.2739 looks on a white background.

Color Contrast Check

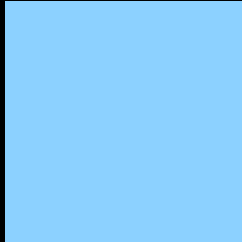
Large Text (above 18pt) WCAG AA × Fail

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 58.3964, 0.2423, 0.2739 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

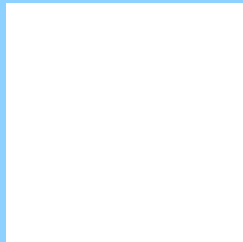
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3964, 0.2423, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 58.3964, 0.2423, 0.2739.

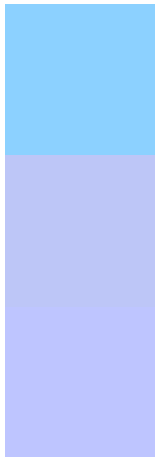


This preview shows how white text looks on a background with the Yxy color 58.3964, 0.2423, 0.2739.

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

58.3964, 0.2423, 0.2739

Protanopia

57.9224, 0.2734, 0.2732

Deuteranopia

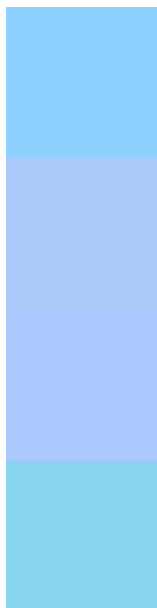
58.0997, 0.2693, 0.2640



Tritanopia

58.2882, 0.2518, 0.3074

Trichromacy



Original Color

58.3964, 0.2423, 0.2739

Protanomaly

57.8011, 0.2607, 0.2731

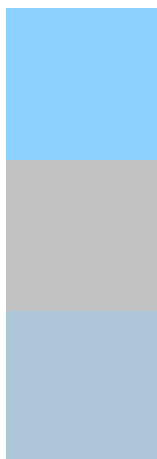
Deuteranomaly

57.7639, 0.2584, 0.2668

Tritanomaly

58.5532, 0.2486, 0.2954

Monochromacy



Original Color

58.3964, 0.2423, 0.2739

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8034, 0.2825, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3964, 0.2423, 0.2739 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(140, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 209, 255)  
}
```

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(140, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.3964, 0.2423, 0.2739 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(140, 209, 255) }
```

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

```
.border{ border-color:rgb(140, 209, 255) }
```

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

Here you see how a box with a 4 pixel rgb(140, 209, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3964, 0.2423, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 209, 255) }
```

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

```
.background{ background-color: rgb(140,  
209, 255) }
```

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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