

Converting Colors

Yxy(51.4023, 0.2484, 0.2701)

Have a look what the booklet for
Yxy(51.4023, 0.2484, 0.2701)
contains.

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Color

Yxy(51.4608, 0.2484, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	91C3F2
RGB	145, 195, 242
RGB Percent	57%, 76%, 95%
CMY	0.4312, 0.2353, 0.0511
CMYK	0.40, 0.19, 0.00, 0.05
HSL	209°, 79%, 76%
HSV	209°, 40%, 95%
XYZ	47.2215, 51.4608, 91.4204
YIQ	185.4080, -44.8870, 4.0170

Conversions

Conversions Part 2

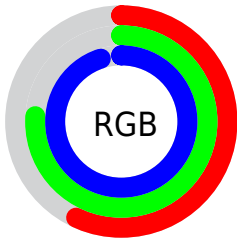
Format	Color
R _Y B	145, 178, 242
Decimal	9552882
CIE Lab	76.96, -4.67, -28.41
CIE LCh	77, 28.789, 260.664
Yxy	51.4608, 0.2484, 0.2707
Android (android.graphics.Color)	4287742962 (0xFF91C3F2)
YUV	185.4080, 27.8999, -35.4378
Hunter-Lab	71.7362, -8.0378, -25.3437

Details

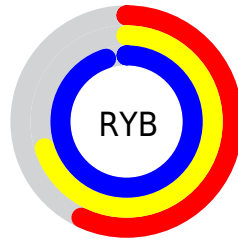
The Yxy color **51.4608, 0.2484, 0.2707** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.6262, 0.3930, 0.3804**, and the grayscale version is **48.6212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7709, 0.2813, 0.3247**, and **24.7686, 0.2320, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **44.4424, 0.2326, 0.2529**, and if you desaturate by 10%, it is **59.3640, 0.2647, 0.2873**.

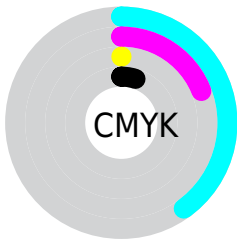
Distribution



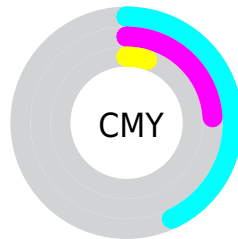
- Red (57%)
- Green (76%)
- Blue (95%)



- Red (57%)
- Yellow (70%)
- Blue (95%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4608, 0.2484, 0.2707 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 51.4608, 0.2484, 0.2707 by changing the saturation by 10% instead.

■ 51.4608, 0.2484,
0.2707

■ 51.4608, 0.2484,
0.2707

392.3514, 0.2792,
0.2990

■ 36.5755, 0.2412,
0.2639

■ 92.3355, 0.2593,
0.2808

■ 24.8790, 0.2322,
0.2555

■ 119.0938, 0.2634,
0.2846

■ 15.9869, 0.2206,
0.2445

150.5784, 0.2670,
0.2879

■ 9.5149, 0.2055,
0.2300

187.1738, 0.2701,
0.2907

■ 5.0785, 0.1848,
0.2099

229.2644, 0.2728,
0.2932

■ 2.2934, 0.1554,
0.1807

277.2346, 0.2752,

■ 0.7702, 0.1091,

0.2954

0.1359

331.4689, 0.2773,
0.2973

0.0000, 0.0000,
0.0000

51.4608, 0.2484,
0.2707

51.4608, 0.2484,
0.2707

44.4424, 0.2326,
0.2529

59.3640, 0.2647,
0.2873

38.2635, 0.2178,
0.2343

68.1825, 0.2810,
0.3026

32.8828, 0.2046,
0.2152

77.9523, 0.2971,
0.3165

28.2520, 0.1934,
0.1961

88.7056, 0.3126,
0.3289

24.3149, 0.1845,
0.1776

98.3189, 0.3204,
0.3402

■ 20.9995, 0.1778,
0.1602

■ 99.1887, 0.3203,
0.3415

Harmonies

Analogous

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



51.4608, 0.2406, 0.2911



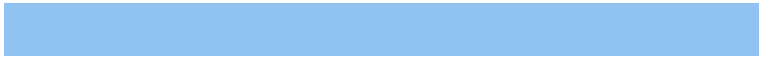
51.4608, 0.2484, 0.2707



51.4608, 0.2725, 0.2660

Triad

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



51.4608, 0.2484, 0.2707



51.4608, 0.3788, 0.3279



51.4608, 0.3130, 0.3909

Complementary

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



51.4608, 0.2484, 0.2707



58.6262, 0.3930, 0.3804

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.



51.4608, 0.3510, 0.3989



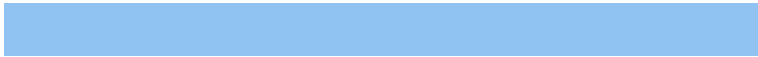
51.4608, 0.2484, 0.2707



51.4608, 0.3906, 0.3595

Square

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



51.4608, 0.2484, 0.2707



51.4608, 0.3480, 0.2981



51.4608, 0.3799, 0.3860



51.4608, 0.2763, 0.3625

Rectangle

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



51.4608, 0.2484, 0.2707



51.4608, 0.2957, 0.2712



51.4608, 0.3799, 0.3860



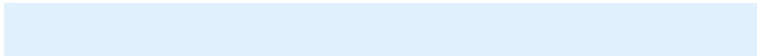
51.4608, 0.3260, 0.3961

Sweetspot

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



51.4628, 0.2484, 0.2707



85.5515, 0.2940, 0.3139



73.3095, 0.2824, 0.3912



17.9957, 0.2919, 0.3121



0.0000, 0.0000, 0.0000



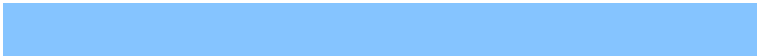
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4628, 0.2484, 0.2707



51.5093, 0.2356, 0.2564



33.1984, 0.2386, 0.2079



16.5761, 0.2980, 0.3173



11.5599, 0.1786, 0.1630



1.1609, 0.1851, 0.1863

Inverse Universe

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



43.0787, 0.3613, 0.2750



41.8967, 0.3757, 0.2645



83.4438, 0.3733, 0.4268



15.8949, 0.3212, 0.3169



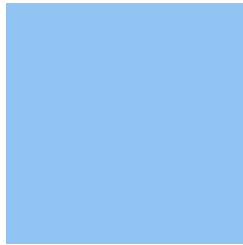
10.9603, 0.4893, 0.2469



0.9319, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 51.4608, 0.2484, 0.2707 looks on a white background.

Color Contrast Check

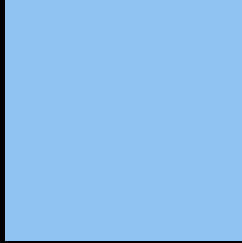
Large Text (above 18pt) WCAG AA × Fail

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 51.4608, 0.2484, 0.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

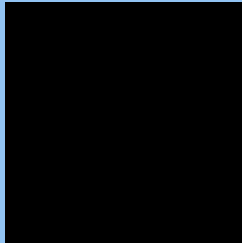
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

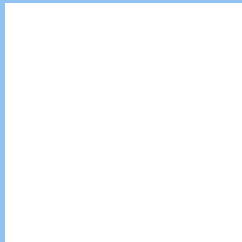
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4608, 0.2484, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 51.4608, 0.2484, 0.2707.



This preview shows how white text looks on a background with the Yxy color 51.4608, 0.2484, 0.2707.

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

51.4608, 0.2484, 0.2707

Protanopia

51.0022, 0.2702, 0.2692

Deuteranopia

51.2332, 0.2672, 0.2608



Tritanopia

51.6697, 0.2593, 0.3078

Trichromacy



Original Color

51.4608, 0.2484, 0.2707

Protanomaly

51.0582, 0.2613, 0.2695

Deuteranomaly

51.0817, 0.2601, 0.2641

Tritanomaly

51.4871, 0.2557, 0.2941

Monochromacy



Original Color

51.4608, 0.2484, 0.2707

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3975, 0.2855, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4608, 0.2484, 0.2707 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(145, 195, 242)` looks like.

```
.text, #text, p{  
    color:rgb(145, 195, 242)  
}
```

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(145, 195, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 195, 242) }
```

Border

The CSS property to change the border of an element to Yxy 51.4608, 0.2484, 0.2707 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(145, 195, 242) }
```

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

```
.border{ border-color:rgb(145, 195, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 195, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 195, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 195, 242);  
box-shadow:4px 4px 4px 4px rgb(145, 195,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4608, 0.2484, 0.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 195, 242) }
```

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

```
.background{ background-color: rgb(145,  
195, 242) }
```

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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