

Converting Colors

$Y_{xy}(50.6681, 0.2453, 0.2621)$

Have a look what the booklet for
Yxy(50.6681, 0.2453, 0.2621)
contains.

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Color

Yxy(50.8751, 0.2454, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	91C1F7
RGB	145, 193, 247
RGB Percent	57%, 76%, 97%
CMY	0.4312, 0.2432, 0.0313
CMYK	0.41, 0.22, 0.00, 0.03
HSL	212°, 86%, 77%
HSV	212°, 41%, 97%
XYZ	47.5428, 50.8751, 95.3182
YIQ	184.8040, -45.9420, 6.6180

Conversions

Conversions Part 2

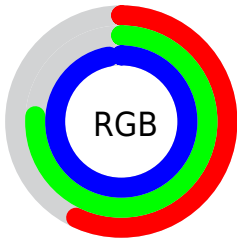
Format	Color
RYB	145, 178, 247
Decimal	9552375
CIELab	76.60, -2.25, -31.66
CIELCh	77, 31.742, 265.939
Yxy	50.8751, 0.2454, 0.2626
Android (android.graphics.Color)	4287742455 (0xFF91C1F7)
YUV	184.8040, 30.6626, -34.9081
Hunter-Lab	71.3268, -5.8428, -29.3040

Details

The Yxy color **50.8751, 0.2454, 0.2626** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.7010, 0.3942, 0.3867**, and the grayscale version is **48.2533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5279, 0.2812, 0.3226**, and **24.5977, 0.2287, 0.2468** is the 20% darker color. If you saturate the color by 10%, you get **43.3387, 0.2291, 0.2429**, and if you desaturate by 10%, it is **59.4152, 0.2621, 0.2811**.

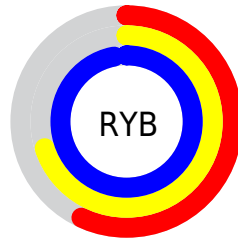
Distribution



Red (57%)

Green (76%)

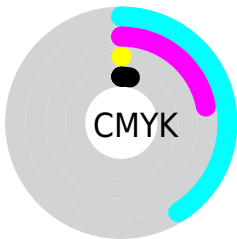
Blue (97%)



Red (57%)

Yellow (70%)

Blue (97%)

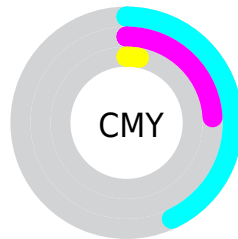


Cyan (41%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (43%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8751, 0.2454, 0.2626 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 50.8751, 0.2454, 0.2626 by changing the saturation by 10% instead.

■ 50.8751, 0.2454,
0.2626

■ 50.8751, 0.2454,
0.2626

■ 390.0783, 0.2777,
0.2947

■ 36.1092, 0.2378,
0.2550

■ 91.4701, 0.2568,
0.2739

■ 24.5186, 0.2284,
0.2456

■ 118.0681, 0.2611,
0.2783

■ 15.7187, 0.2164,
0.2335

■ 149.3788, 0.2649,
0.2820

■ 9.3253, 0.2007,
0.2176

■ 185.7867, 0.2681,
0.2852

■ 4.9540, 0.1794,
0.1958

■ 227.6762, 0.2710,
0.2880

■ 2.2203, 0.1493,
0.1649

■ 275.4318, 0.2735,

■ 0.7310, 0.1038,

0.2905

0.1185

329.4377, 0.2757,
0.2927

0.0000, 0.0000,
0.0000

50.8751, 0.2454,
0.2626

50.8751, 0.2454,
0.2626

43.3387, 0.2291,
0.2429

59.4152, 0.2621,
0.2811

36.7550, 0.2139,
0.2223

68.9951, 0.2788,
0.2981

31.0766, 0.2002,
0.2013

79.6556, 0.2951,
0.3135

26.2481, 0.1886,
0.1807

91.4336, 0.3108,
0.3273

22.2051, 0.1796,
0.1609

99.4961, 0.3173,
0.3366

■ 19.2402, 0.1736,
0.1449

Harmonies

Analogous

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



50.8751, 0.2336, 0.2817



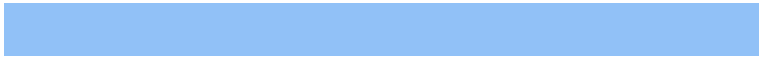
50.8751, 0.2454, 0.2626



50.8751, 0.2745, 0.2606

Triad

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



50.8751, 0.2454, 0.2626



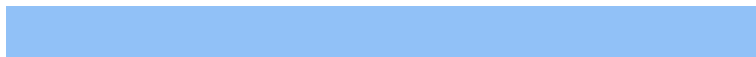
50.8751, 0.3900, 0.3335



50.8751, 0.3051, 0.3939

Complementary

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



50.8751, 0.2454, 0.2626



62.7010, 0.3942, 0.3867

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.



50.8751, 0.3478, 0.4069



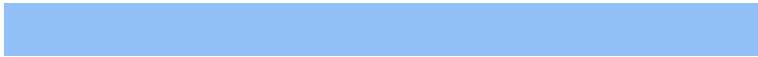
50.8751, 0.2454, 0.2626



50.8751, 0.3986, 0.3679

Square

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



50.8751, 0.2454, 0.2626



50.8751, 0.3588, 0.3003



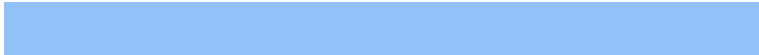
50.8751, 0.3824, 0.3956



50.8751, 0.2663, 0.3590

Rectangle

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



50.8751, 0.2454, 0.2626



50.8751, 0.3012, 0.2682



50.8751, 0.3824, 0.3956



50.8751, 0.3195, 0.4011

Sweetspot

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



50.8770, 0.2454, 0.2626



84.7403, 0.2939, 0.3124



76.6177, 0.2799, 0.3892



17.8050, 0.2918, 0.3105



0.0000, 0.0000, 0.0000



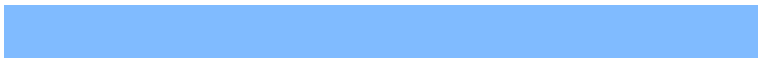
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8770, 0.2454, 0.2626



47.5025, 0.2310, 0.2453



33.1623, 0.2366, 0.2017



17.2116, 0.2980, 0.3161



10.4537, 0.1744, 0.1479



1.1227, 0.1809, 0.1713

Inverse Universe

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



43.8924, 0.3682, 0.2780



40.1754, 0.3859, 0.2677



88.0431, 0.3733, 0.4316



16.6122, 0.3220, 0.3179



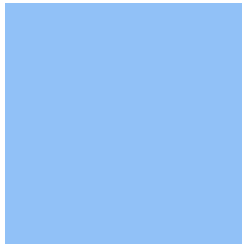
11.1547, 0.5087, 0.2576



1.0010, 0.4790, 0.2412

Previews

White Background



This preview shows how the Yxy color 50.8751, 0.2454, 0.2626 looks on a white background.

Color Contrast Check

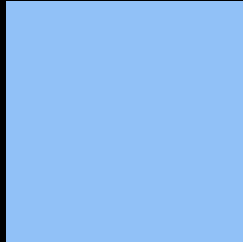
Large Text (above 18pt) WCAG AA × Fail

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 50.8751, 0.2454, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

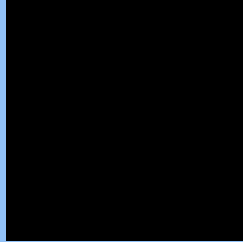
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

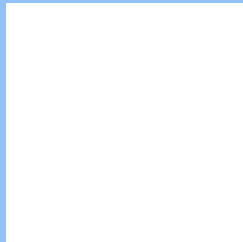
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8751, 0.2454, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 50.8751, 0.2454, 0.2626.



This preview shows how white text looks on a background with the Yxy color 50.8751, 0.2454, 0.2626.

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

50.8751, 0.2454, 0.2626

Protanopia

50.5273, 0.2650, 0.2623

Deuteranopia

50.5361, 0.2607, 0.2538



Tritanopia

50.9874, 0.2585, 0.3077

Trichromacy



Original Color

50.8751, 0.2454, 0.2626

Protanomaly

50.7134, 0.2570, 0.2626

Deuteranomaly

50.5303, 0.2546, 0.2572

Tritanomaly

50.9675, 0.2533, 0.2902

Monochromacy



Original Color

50.8751, 0.2454, 0.2626

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0666, 0.2841, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8751, 0.2454, 0.2626 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, 193, 247)` looks like.

```
.text, #text, p{  
    color:rgb(145, 193, 247)  
}
```

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, 193, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 193, 247) }
```

Border

The CSS property to change the border of an element to Yxy 50.8751, 0.2454, 0.2626 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, 193, 247) }
```

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

```
.border{ border-color:rgb(145, 193, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 193, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 193, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 193, 247);  
box-shadow:4px 4px 4px 4px rgb(145, 193,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8751, 0.2454, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 193, 247) }
```

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

```
.background{ background-color: rgb(145,  
193, 247) }
```

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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