

Converting Colors

$Yxy(39.5206, 0.2454, 0.2493)$

Have a look what the booklet for
Yxy(39.5206, 0.2454, 0.2493)
contains.

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Color

Yxy(39.4924, 0.2452, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	8AA9E6
RGB	138, 169, 230
RGB Percent	54%, 66%, 90%
CMY	0.4587, 0.3372, 0.0981
CMYK	0.40, 0.27, 0.00, 0.10
HSL	220°, 65%, 72%
HSV	220°, 40%, 90%
XYZ	38.9523, 39.4924, 80.4145
YIQ	166.6850, -38.0570, 12.3990

Conversions

Conversions Part 2

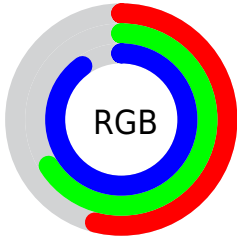
Format	Color
R _Y B	138, 161, 230
Decimal	9087462
CIE Lab	69.11, 4.56, -34.05
CIE LCh	69, 34.350, 277.621
Yxy	39.4924, 0.2452, 0.2486
Android (android.graphics.Color)	4287277542 (0xFF8AA9E6)
YUV	166.6850, 31.2143, -25.1567
Hunter-Lab	62.8430, 0.6653, -31.8780

Details

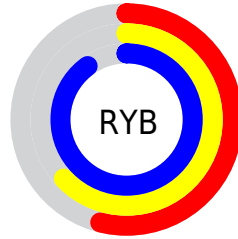
The Yxy color **39.4924, 0.2452, 0.2486** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **59.5030, 0.3852, 0.3976**, and the grayscale version is **38.3447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0006, 0.2745, 0.2952**, and **17.6176, 0.2261, 0.2267** is the 20% darker color. If you saturate the color by 10%, you get **32.3877, 0.2273, 0.2239**, and if you desaturate by 10%, it is **47.6773, 0.2632, 0.2717**.

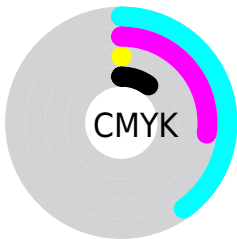
Distribution



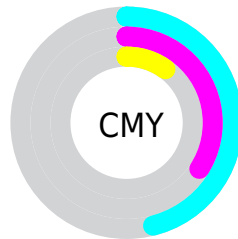
- Red (54%)
- Green (66%)
- Blue (90%)



- Red (54%)
- Yellow (63%)
- Blue (90%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4924, 0.2452, 0.2486 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 39.4924, 0.2452, 0.2486 by changing the saturation by 10% instead.

■ 39.4924, 0.2452,
0.2486

■ 39.4924, 0.2452,
0.2486

■ 343.9794, 0.2791,
0.2883

■ 27.1430, 0.2369,
0.2390

■ 74.3899, 0.2574,
0.2628

■ 17.6806, 0.2263,
0.2269

■ 97.7069, 0.2621,
0.2683

■ 10.7210, 0.2125,
0.2112

■ 125.4484, 0.2660,
0.2729

■ 5.8795, 0.1939,
0.1903

■ 157.9990, 0.2693,
0.2768

■ 2.7720, 0.1678,
0.1615

■ 195.7430, 0.2723,
0.2803

■ 1.0139, 0.1298,
0.1207

■ 239.0648, 0.2748,


■ 0.0000, 0.0058,


0.2833

0.0000

288.3488, 0.2771,
0.2860


 0.0000, 0.0000,
0.0000


 39.4924, 0.2452,
0.2486


 39.4924, 0.2452,
0.2486


 32.3877, 0.2273,
0.2239


 47.6773, 0.2632,
0.2717


 26.3095, 0.2100,
0.1984


 56.9836, 0.2806,
0.2929

 21.2061, 0.1943,
0.1728

 67.4556, 0.2972,
0.3120

 17.0183, 0.1809,
0.1482

 79.1338, 0.3127,
0.3290

 13.6789, 0.1704,
0.1258

 92.0566, 0.3271,
0.3440

■ 11.0897, 0.1629,
0.1065

■ 98.4918, 0.3274,
0.3532

■ 11.0855, 0.1629,
0.1064

Harmonies

Analogous

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



39.4924, 0.2236, 0.2623



39.4924, 0.2452, 0.2486



39.4924, 0.2853, 0.2540

Triad

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



39.4924, 0.2452, 0.2486



39.4924, 0.4114, 0.3492



39.4924, 0.2844, 0.3926

Complementary

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



39.4924, 0.2452, 0.2486



59.5030, 0.3852, 0.3976

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.



39.4924, 0.3340, 0.4193



39.4924, 0.2452, 0.2486



39.4924, 0.4093, 0.3877

Square

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



39.4924, 0.2452, 0.2486



39.4924, 0.3839, 0.3095



39.4924, 0.3801, 0.4152



39.4924, 0.2444, 0.3445

Rectangle

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



39.4924, 0.2452, 0.2486



39.4924, 0.3188, 0.2669



39.4924, 0.3801, 0.4152



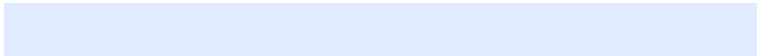
39.4924, 0.3004, 0.4047

Sweetspot

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



39.4939, 0.2452, 0.2486



82.3808, 0.2938, 0.3082



66.0538, 0.2742, 0.3701



17.2512, 0.2917, 0.3058



0.0000, 0.0000, 0.0000



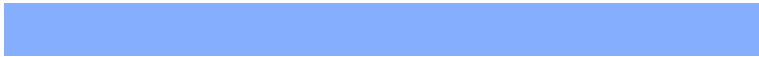
21.4041, 0.3127, 0.3290

Same Dimension

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



39.4939, 0.2452, 0.2486



42.3810, 0.2303, 0.2282



30.5548, 0.2491, 0.2097



14.6766, 0.2981, 0.3130



6.4797, 0.1637, 0.1093



0.6455, 0.1718, 0.1385

Inverse Universe

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



37.8686, 0.3789, 0.2935



40.9751, 0.3999, 0.2865



73.0432, 0.3620, 0.4316



14.4477, 0.3240, 0.3211



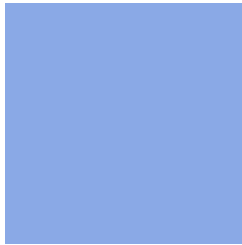
9.8518, 0.5621, 0.2870



0.7448, 0.5211, 0.2644

Previews

White Background



This preview shows how the Yxy color 39.4924, 0.2452, 0.2486 looks on a white background.

Color Contrast Check

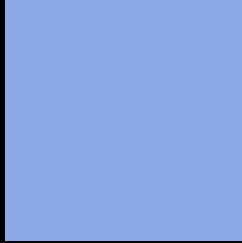
Large Text (above 18pt) WCAG AA × Fail

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 39.4924, 0.2452, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

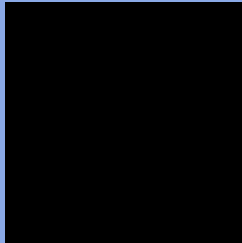
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

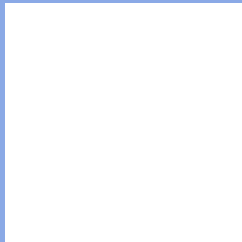
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4924, 0.2452, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 39.4924, 0.2452, 0.2486.



This preview shows how white text looks on a background with the Yxy color 39.4924, 0.2452, 0.2486.

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

39.4924, 0.2452, 0.2486

Protanopia

39.3579, 0.2538, 0.2484

Deuteranopia

39.4315, 0.2513, 0.2450



Tritanopia

39.4015, 0.2636, 0.3070

Trichromacy



Original Color

39.4924, 0.2452, 0.2486

Protanomaly

39.4056, 0.2506, 0.2481

Deuteranomaly

39.4267, 0.2488, 0.2457

Tritanomaly

39.2005, 0.2568, 0.2838

Monochromacy



Original Color

39.4924, 0.2452, 0.2486

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7909, 0.2846, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4924, 0.2452, 0.2486 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(138, 169, 230)` looks like.

```
.text, #text, p{  
    color:rgb(138, 169, 230)  
}
```

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(138, 169, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 169, 230) }
```

Border

The CSS property to change the border of an element to Yxy 39.4924, 0.2452, 0.2486 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(138, 169, 230) }
```

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

```
.border{ border-color:rgb(138, 169, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 169, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 169, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 169, 230);  
box-shadow:4px 4px 4px 4px rgb(138, 169,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4924, 0.2452, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 169, 230) }
```

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

```
.background{ background-color: rgb(138,  
169, 230) }
```

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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