

Converting Colors

$Yxy(41.1564, 0.2460, 0.2426)$

Have a look what the booklet for
Yxy(41.1564, 0.2460, 0.2426)
contains.

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Color

Yxy(41.0335, 0.2461, 0.2424)

Conversions

Conversions Part 1

Format	Color
Hex	92AAEE
RGB	146, 170, 238
RGB Percent	57%, 67%, 93%
CMY	0.4274, 0.3333, 0.0668
CMYK	0.39, 0.29, 0.00, 0.07
HSL	224°, 73%, 75%
HSV	224°, 39%, 93%
XYZ	41.6598, 41.0335, 86.5868
YIQ	170.5760, -36.1320, 16.0600

Conversions

Conversions Part 2

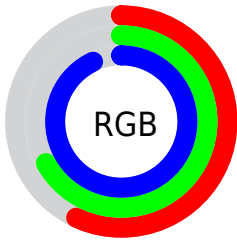
Format	Color
RYB	146, 165, 238
Decimal	9612014
CIELab	70.20, 8.26, -36.67
CIELCh	70, 37.592, 282.690
Yxy	41.0335, 0.2461, 0.2424
Android (android.graphics.Color)	4287802094 (0xFF92AAEE)
YUV	170.5760, 33.2400, -21.5532
Hunter-Lab	64.0574, 3.9873, -35.3025

Details

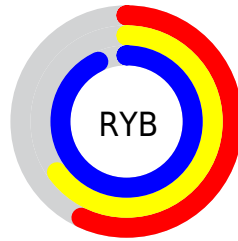
The Yxy color **41.0335, 0.2461, 0.2424** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.3332, 0.3797, 0.4024**, and the grayscale version is **40.3476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6270, 0.2794, 0.2967**, and **18.5584, 0.2273, 0.2193** is the 20% darker color. If you saturate the color by 10%, you get **32.9162, 0.2272, 0.2150**, and if you desaturate by 10%, it is **50.4901, 0.2648, 0.2681**.

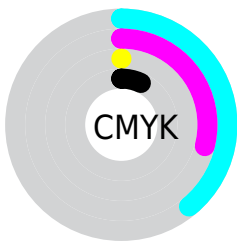
Distribution



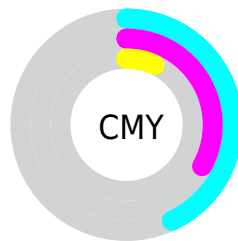
- Red (57%)
- Green (67%)
- Blue (93%)



- Red (57%)
- Yellow (65%)
- Blue (93%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0335, 0.2461, 0.2424 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 41.0335, 0.2461, 0.2424 by changing the saturation by 10% instead.

■ 41.0335, 0.2461,
0.2424

■ 41.0335, 0.2461,
0.2424

■ 350.4606, 0.2794,
0.2845

■ 28.3453, 0.2380,
0.2324

■ 76.7347, 0.2581,
0.2574

■ 18.5861, 0.2277,
0.2199

■ 100.5165, 0.2626,
0.2631

■ 11.3716, 0.2144,
0.2039

■ 128.7650, 0.2665,
0.2680

■ 6.3173, 0.1965,
0.1830

■ 161.8645, 0.2698,
0.2722

■ 3.0390, 0.1716,
0.1546

■ 200.1994, 0.2726,
0.2759

■ 1.1521, 0.1358,
0.1156

■ 244.1541, 0.2752,

■ 0.0221, 0.0569,

0.2791

0.0056

294.1130, 0.2774,
0.2820

0.0000, 0.0000,
0.0000

41.0335, 0.2461,
0.2424

41.0335, 0.2461,
0.2424

32.9162, 0.2272,
0.2150

50.4901, 0.2648,
0.2681

26.0706, 0.2088,
0.1868

61.3403, 0.2826,
0.2916

20.4293, 0.1919,
0.1588

73.6406, 0.2993,
0.3127

15.9168, 0.1775,
0.1326

87.4432, 0.3147,
0.3314

12.4474, 0.1664,
0.1096

98.9511, 0.3226,
0.3454

■ 9.9113, 0.1588,
0.0908

■ 9.6236, 0.1580,
0.0886

Harmonies

Analogous

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



41.0335, 0.2195, 0.2531



41.0335, 0.2461, 0.2424



41.0335, 0.2917, 0.2515

Triad

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



41.0335, 0.2461, 0.2424



41.0335, 0.4213, 0.3574



41.0335, 0.2736, 0.3903

Complementary

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



41.0335, 0.2461, 0.2424



68.3332, 0.3797, 0.4024

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.



41.0335, 0.3260, 0.4246



41.0335, 0.2461, 0.2424



41.0335, 0.4132, 0.3978

Square

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



41.0335, 0.2461, 0.2424



41.0335, 0.3967, 0.3147



41.0335, 0.3775, 0.4248



41.0335, 0.2338, 0.3360

Rectangle

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



41.0335, 0.2461, 0.2424



41.0335, 0.3287, 0.2671



41.0335, 0.3775, 0.4248



41.0335, 0.2902, 0.4051

Sweetspot

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



41.0350, 0.2461, 0.2424



81.0593, 0.2938, 0.3058



72.0694, 0.2713, 0.3588



16.9417, 0.2916, 0.3030



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.



41.0350, 0.2461, 0.2424



40.7118, 0.2319, 0.2219



35.0034, 0.2574, 0.2158



15.8990, 0.2980, 0.3110



5.5486, 0.1587, 0.0911



0.6178, 0.1656, 0.1160

Inverse Universe

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



41.6386, 0.3833, 0.3024



42.1891, 0.4044, 0.2974



77.8827, 0.3549, 0.4304



15.8265, 0.3252, 0.3229



10.3535, 0.5894, 0.3021



0.8771, 0.5524, 0.2816

Previews

White Background



This preview shows how the Yxy color 41.0335, 0.2461, 0.2424 looks on a white background.

Color Contrast Check

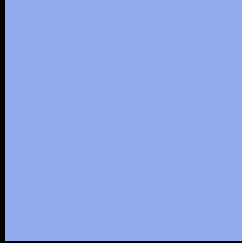
Large Text (above 18pt) WCAG AA × Fail

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 41.0335, 0.2461, 0.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

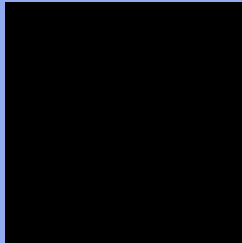
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

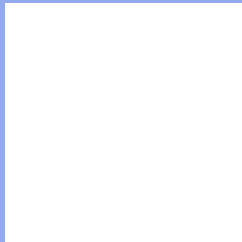
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0335, 0.2461, 0.2424

Background



This preview shows how black text looks on a background with the Yxy color 41.0335, 0.2461, 0.2424.



This preview shows how white text looks on a background with the Yxy color 41.0335, 0.2461, 0.2424.

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

41.0335, 0.2461, 0.2424

Protanopia

41.0697, 0.2497, 0.2428

Deuteranopia

40.9385, 0.2478, 0.2415



Tritanopia

41.2414, 0.2677, 0.3089

Trichromacy



Original Color

41.0335, 0.2461, 0.2424

Protanomaly

40.8799, 0.2484, 0.2425

Deuteranomaly

40.8449, 0.2472, 0.2413

Tritanomaly

41.1431, 0.2597, 0.2835

Monochromacy



Original Color

41.0335, 0.2461, 0.2424

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7473, 0.2860, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0335, 0.2461, 0.2424 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(146, 170, 238)` looks like.

```
.text, #text, p{  
    color:rgb(146, 170, 238)  
}
```

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(146, 170, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 170, 238) }
```

Border

The CSS property to change the border of an element to Yxy 41.0335, 0.2461, 0.2424 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(146, 170, 238) }
```

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

```
.border{ border-color:rgb(146, 170, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 170, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 170, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 170, 238);  
box-shadow:4px 4px 4px 4px rgb(146, 170,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0335, 0.2461, 0.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 170, 238) }
```

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

```
.background{ background-color: rgb(146,  
170, 238) }
```

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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