

Converting Colors

$Y_{xy}(41.1433, 0.2466, 0.2370)$

Have a look what the booklet for
Yxy(41.1433, 0.2466, 0.2370)
contains.

Yxy(41.3660, 0.2469, 0.2376)	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(41.3660, 0.2469, 0.2376)

Conversions

Conversions Part 1

Format	Color
Hex	97A9F2
RGB	151, 169, 242
RGB Percent	59%, 66%, 95%
CMY	0.4077, 0.3373, 0.0509
CMYK	0.38, 0.30, 0.00, 0.05
HSL	228°, 78%, 77%
HSV	228°, 38%, 95%
XYZ	42.9851, 41.3660, 89.7482
YIQ	171.9400, -34.1610, 18.8870

Conversions

Conversions Part 2

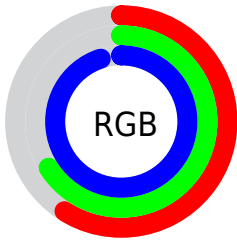
Format	Color
R _Y B	151, 166, 242
Decimal	9939442
CIE Lab	70.43, 11.24, -38.50
CIE LCh	70, 40.110, 286.278
Yxy	41.3660, 0.2469, 0.2376
Android (android.graphics.Color)	4288129522 (0xFF97A9F2)
YUV	171.9400, 34.5396, -18.3644
Hunter-Lab	64.3164, 6.7447, -37.7128

Details

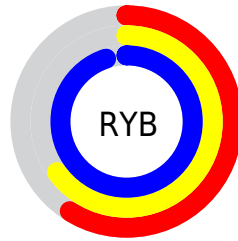
The Yxy color $41.3660, 0.2469, 0.2376$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74.4696, 0.3756, 0.4061$, and the grayscale version is $41.0617, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.9412, 0.2831, 0.2960$, and $18.7545, 0.2283, 0.2136$ is the 20% darker color. If you saturate the color by 10%, you get $32.5854, 0.2273, 0.2080$, and if you desaturate by 10%, it is $51.6990, 0.2661, 0.2654$.

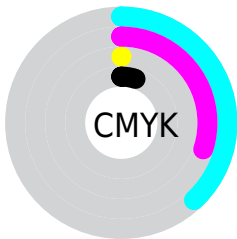
Distribution



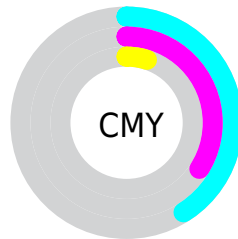
- Red (59%)
- Green (66%)
- Blue (95%)



- Red (59%)
- Yellow (65%)
- Blue (95%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3660, 0.2469, 0.2376 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 41.3660, 0.2469, 0.2376 by changing the saturation by 10% instead.

■ 41.3660, 0.2469,
0.2376

■ 41.3660, 0.2469,
0.2376

■ 351.8480, 0.2798,
0.2817

■ 28.6052, 0.2389,
0.2273

■ 77.2392, 0.2587,
0.2532

■ 18.7824, 0.2287,
0.2144

■ 101.1203, 0.2632,
0.2591

■ 11.5131, 0.2156,
0.1981

■ 129.4771, 0.2670,
0.2643

■ 6.4131, 0.1980,
0.1768

■ 162.6937, 0.2703,
0.2687

■ 3.0978, 0.1736,
0.1484

■ 201.1548, 0.2731,
0.2726

■ 1.1830, 0.1386,
0.1099

■ 245.2446, 0.2756,

■ 0.0478, 0.0722,

0.2760

0.0108

295.3475, 0.2778,
0.2790

0.0000, 0.0000,
0.0000

41.3660, 0.2469,
0.2376

41.3660, 0.2469,
0.2376

32.5854, 0.2273,
0.2080

51.6990, 0.2661,
0.2654

25.2759, 0.2080,
0.1777

63.6508, 0.2842,
0.2908

19.3560, 0.1903,
0.1481

77.2895, 0.3010,
0.3135

14.7338, 0.1751,
0.1210

92.6779, 0.3162,
0.3336

11.3052, 0.1636,
0.0980

99.1928, 0.3203,
0.3415

■ 8.9448, 0.1561,
0.0805

■ 8.5074, 0.1548,
0.0771

Harmonies

Analogous

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



41.3660, 0.2163, 0.2460



41.3660, 0.2469, 0.2376



41.3660, 0.2970, 0.2496

Triad

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



41.3660, 0.2469, 0.2376



41.3660, 0.4290, 0.3639



41.3660, 0.2649, 0.3883

Complementary

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



41.3660, 0.2469, 0.2376



74.4696, 0.3756, 0.4061

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.



41.3660, 0.3196, 0.4287



41.3660, 0.2469, 0.2376



41.3660, 0.4161, 0.4059

Square

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



41.3660, 0.2469, 0.2376



41.3660, 0.4069, 0.3188



41.3660, 0.3751, 0.4327



41.3660, 0.2254, 0.3290

Rectangle

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



41.3660, 0.2469, 0.2376



41.3660, 0.3367, 0.2672



41.3660, 0.3751, 0.4327



41.3660, 0.2821, 0.4051

Sweetspot

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



41.3676, 0.2469, 0.2376



81.5297, 0.2954, 0.3060



75.4788, 0.2691, 0.3505



16.9989, 0.2931, 0.3029



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.



41.3676, 0.2469, 0.2376



38.9744, 0.2321, 0.2155



38.0606, 0.2639, 0.2205



15.7337, 0.2980, 0.3095



4.7198, 0.1554, 0.0793



0.5275, 0.1617, 0.1019

Inverse Universe

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



43.8908, 0.3867, 0.3094



42.7299, 0.4095, 0.3056



80.1657, 0.3496, 0.4292



15.8098, 0.3262, 0.3244



10.2698, 0.6081, 0.3123



0.8680, 0.5730, 0.2930

Previews

White Background



This preview shows how the Yxy color 41.3660, 0.2469, 0.2376 looks on a white background.

Color Contrast Check

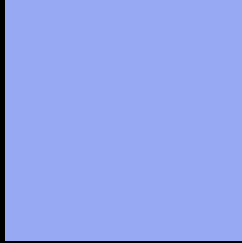
Large Text (above 18pt) WCAG AA × Fail

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 41.3660, 0.2469, 0.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

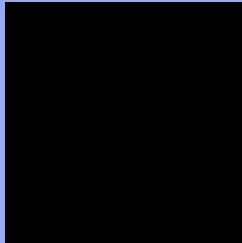
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3660, 0.2469, 0.2376

Background



This preview shows how black text looks on a background with the Yxy color 41.3660, 0.2469, 0.2376.



This preview shows how white text looks on a background with the Yxy color 41.3660, 0.2469, 0.2376.

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

41.3660, 0.2469, 0.2376

Protanopia

41.1763, 0.2456, 0.2373

Deuteranopia

41.3633, 0.2445, 0.2383



Tritanopia

41.1800, 0.2704, 0.3076

Trichromacy



Original Color

41.3660, 0.2469, 0.2376

Protanomaly

41.2708, 0.2462, 0.2375

Deuteranomaly

41.4562, 0.2451, 0.2385

Tritanomaly

41.2027, 0.2610, 0.2800

Monochromacy



Original Color

41.3660, 0.2469, 0.2376

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0496, 0.2861, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3660, 0.2469, 0.2376 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(151, 169, 242)` looks like.

```
.text, #text, p{  
    color:rgb(151, 169, 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(151, 169, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 169, 242) }
```

Border

The CSS property to change the border of an element to Yxy 41.3660, 0.2469, 0.2376 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(151, 169, 242) }
```

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

```
.border{ border-color:rgb(151, 169, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 169, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 169, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 169, 242);  
box-shadow:4px 4px 4px 4px rgb(151, 169,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3660, 0.2469, 0.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 169, 242) }
```

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

```
.background{ background-color: rgb(151,  
169, 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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