

Converting Colors

$Yxy(36.8079, 0.2556, 0.2447)$

Have a look what the booklet for
Yxy(36.8079, 0.2556, 0.2447)
contains.

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Color

Yxy(36.9534, 0.2559, 0.2458)

Conversions

Conversions Part 1

Format	Color
Hex	96A0DF
RGB	150, 160, 223
RGB Percent	59%, 63%, 87%
CMY	0.4116, 0.3726, 0.1255
CMYK	0.33, 0.28, 0.00, 0.13
HSL	232°, 53%, 73%
HSV	232°, 33%, 87%
XYZ	38.4718, 36.9534, 74.9141
YIQ	164.1920, -26.1830, 17.4730

Conversions

Conversions Part 2

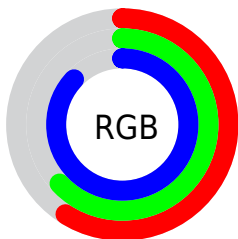
Format	Color
R _Y B	150, 159, 223
Decimal	9871583
CIE Lab	67.24, 11.06, -33.04
CIE LCh	67, 34.843, 288.505
Yxy	36.9534, 0.2559, 0.2458
Android (android.graphics.Color)	4288061663 (0xFF96A0DF)
YUV	164.1920, 28.9923, -12.4464
Hunter-Lab	60.7893, 6.5863, -30.5139

Details

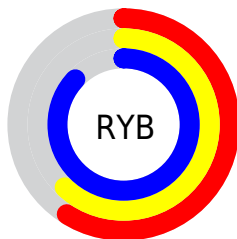
The Yxy color **36.9534, 0.2559, 0.2458** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.4982, 0.3652, 0.4003**, and the grayscale version is **37.0925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9427, 0.2812, 0.2860**, and **16.3058, 0.2391, 0.2232** is the 20% darker color. If you saturate the color by 10%, you get **28.8692, 0.2359, 0.2150**, and if you desaturate by 10%, it is **46.4770, 0.2750, 0.2744**.

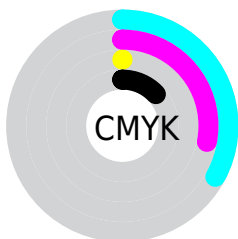
Distribution



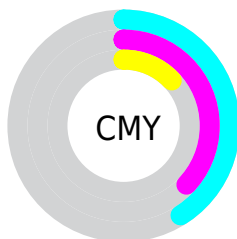
- Red (59%)
- Green (63%)
- Blue (87%)



- Red (59%)
- Yellow (62%)
- Blue (87%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)




- Cyan (41%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9534, 0.2559, 0.2458 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 36.9534, 0.2559, 0.2458 by changing the saturation by 10% instead.


 36.9534, 0.2559,
0.2458

 36.9534, 0.2559,
0.2458


333.1087, 0.2850,
0.2869

 25.1714, 0.2485,
0.2358


 70.5011, 0.2666,
0.2606

 16.2048, 0.2391,
0.2232


 93.0356, 0.2706,
0.2662

 9.6692, 0.2265,
0.2069


119.9231, 0.2739,
0.2709

 5.1802, 0.2091,
0.1851

151.5479, 0.2768,
0.2750

 2.3534, 0.1841,
0.1549

188.2945, 0.2793,
0.2786

 0.8017, 0.1460,
0.1119

230.5472, 0.2814,

 0.0000, 0.0000,

0.2817

0.0000

278.6905, 0.2833,
0.2845

■ 36.9534, 0.2559,
0.2458

■ 36.9534, 0.2559,
0.2458

■ 28.8692, 0.2359,
0.2150

■ 46.4770, 0.2750,
0.2744

■ 22.1498, 0.2157,
0.1831

■ 57.5013, 0.2926,
0.3003

■ 16.7202, 0.1965,
0.1516

■ 70.0891, 0.3087,
0.3233

■ 12.4966, 0.1795,
0.1224

■ 84.2982, 0.3230,
0.3434

■ 9.3847, 0.1660,
0.0976

■ 98.1075, 0.3316,
0.3601

■ 7.2756, 0.1568,
0.0789

■ 6.2784, 0.1526,
0.0695

Harmonies

Analogous

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



36.9534, 0.2262, 0.2524



36.9534, 0.2559, 0.2458



36.9534, 0.3027, 0.2580

Triad

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



36.9534, 0.2559, 0.2458



36.9534, 0.4179, 0.3647



36.9534, 0.2665, 0.3784

Complementary

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



36.9534, 0.2559, 0.2458



65.4982, 0.3652, 0.4003

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.



36.9534, 0.3156, 0.4165



36.9534, 0.2559, 0.2458



36.9534, 0.4045, 0.4018

Square

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



36.9534, 0.2559, 0.2458



36.9534, 0.4001, 0.3232



36.9534, 0.3663, 0.4234



36.9534, 0.2316, 0.3255

Rectangle

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



36.9534, 0.2559, 0.2458



36.9534, 0.3387, 0.2749



36.9534, 0.3663, 0.4234



36.9534, 0.2818, 0.3939

Sweetspot

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



36.9548, 0.2559, 0.2458



82.2272, 0.2970, 0.3066



64.0172, 0.2722, 0.3426



17.1030, 0.2947, 0.3033



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.



36.9548, 0.2559, 0.2458



42.6653, 0.2428, 0.2258



36.3321, 0.2748, 0.2375



13.5434, 0.2981, 0.3081



3.7865, 0.1531, 0.0710



0.3607, 0.1593, 0.0935

Inverse Universe

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



40.0496, 0.3778, 0.3173



47.7554, 0.3972, 0.3150



66.9093, 0.3422, 0.4160



13.7308, 0.3271, 0.3258



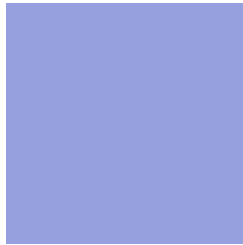
9.2903, 0.6215, 0.3197



0.6539, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 36.9534, 0.2559, 0.2458 looks on a white background.

Color Contrast Check

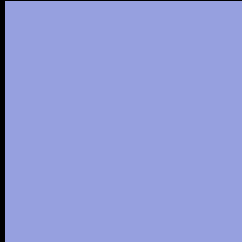
Large Text (above 18pt) WCAG AA × Fail

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 36.9534, 0.2559, 0.2458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

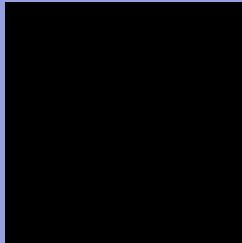
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9534, 0.2559, 0.2458

Background



This preview shows how black text looks on a background with the Yxy color 36.9534, 0.2559, 0.2458.



This preview shows how white text looks on a background with the Yxy color 36.9534, 0.2559, 0.2458.

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

36.9534, 0.2559, 0.2458

Protanopia

36.8913, 0.2518, 0.2453

Deuteranopia

36.9284, 0.2531, 0.2465



Tritanopia

37.0042, 0.2790, 0.3098

Trichromacy



Original Color

36.9534, 0.2559, 0.2458

Protanomaly

37.0746, 0.2532, 0.2456

Deuteranomaly

37.0205, 0.2539, 0.2467

Tritanomaly

36.8251, 0.2702, 0.2849

Monochromacy



Original Color

36.9534, 0.2559, 0.2458

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.0681, 0.2907, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9534, 0.2559, 0.2458 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(150, 160, 223)` looks like.

```
.text, #text, p{  
    color:rgb(150, 160, 223)  
}
```

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(150, 160, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 160, 223) }
```

Border

The CSS property to change the border of an element to Yxy 36.9534, 0.2559, 0.2458 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(150, 160, 223) }
```

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

```
.border{ border-color:rgb(150, 160, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 160, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 160, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 160, 223);  
box-shadow:4px 4px 4px 4px rgb(150, 160,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9534, 0.2559, 0.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 160, 223) }
```

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

```
.background{ background-color: rgb(150,  
160, 223) }
```

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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