

Converting Colors

$Y_{xy}(38.6578, 0.2577, 0.2661)$

Have a look what the booklet for
Yxy(38.6578, 0.2577, 0.2661)
contains.

Yxy(38.6999, 0.2579, 0.2664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.6999, 0.2579, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	8FA8D6
RGB	143, 168, 214
RGB Percent	56%, 66%, 84%
CMY	0.4392, 0.3411, 0.1608
CMYK	0.33, 0.21, 0.00, 0.16
HSL	219°, 46%, 70%
HSV	219°, 33%, 84%
XYZ	37.4651, 38.6999, 69.1049
YIQ	165.7690, -29.6660, 9.0060

Conversions

Conversions Part 2

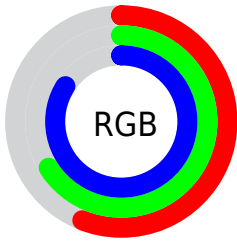
Format	Color
R _Y B	143, 161, 214
Decimal	9414870
CIE Lab	68.53, 2.24, -26.13
CIE LCh	69, 26.224, 274.896
Yxy	38.6999, 0.2579, 0.2664
Android (android.graphics.Color)	4287604950 (0xFF8FA8D6)
YUV	165.7690, 23.7779, -19.9684
Hunter-Lab	62.2092, -1.3657, -22.3156

Details

The Yxy color **38.6999, 0.2579, 0.2664** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.6605, 0.3714, 0.3844**, and the grayscale version is **37.9097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0011, 0.2768, 0.2943**, and **17.1676, 0.2419, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **32.1227, 0.2401, 0.2434**, and if you desaturate by 10%, it is **46.1898, 0.2754, 0.2876**.

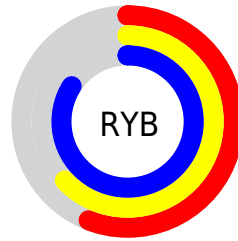
Distribution



Red (56%)

Green (66%)

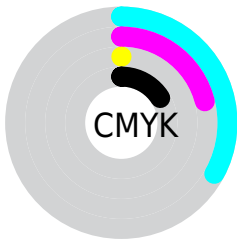
Blue (84%)



Red (56%)

Yellow (63%)

Blue (84%)

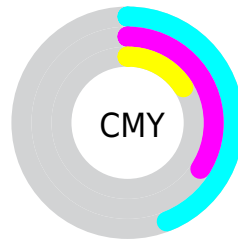


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (44%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6999, 0.2579, 0.2664 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 38.6999, 0.2579, 0.2664 by changing the saturation by 10% instead.

■ 38.6999, 0.2579,
0.2664

■ 38.6999, 0.2579,
0.2664

340.6129, 0.2857,
0.2979

■ 26.5263, 0.2509,
0.2586

■ 73.1796, 0.2680,
0.2779

■ 17.2178, 0.2420,
0.2485

■ 96.2546, 0.2718,
0.2822

■ 10.3899, 0.2301,
0.2353

123.7322, 0.2750,
0.2858

■ 5.6582, 0.2137,
0.2171

155.9968, 0.2778,
0.2889

■ 2.6384, 0.1898,
0.1909

193.4327, 0.2802,
0.2916

■ 0.9460, 0.1528,
0.1510

236.4245, 0.2822,

■ 0.0000, 0.0000,

0.2940

0.0000

285.3564, 0.2841,
0.2961

■ 38.6999, 0.2579,
0.2664

■ 38.6999, 0.2579,
0.2664

■ 32.1227, 0.2401,
0.2434

■ 46.1898, 0.2754,
0.2876

■ 26.4159, 0.2226,
0.2191

■ 54.6232, 0.2921,
0.3068

■ 21.5401, 0.2060,
0.1941

■ 64.0350, 0.3079,
0.3240

■ 17.4510, 0.1911,
0.1693

■ 74.4569, 0.3226,
0.3392

■ 14.0989, 0.1787,
0.1456

■ 85.9191, 0.3361,
0.3525

■ 11.4268, 0.1692,
0.1242

■ 95.2092, 0.3375,
0.3655

■ 9.9410, 0.1642,
0.1112

■ 97.6344, 0.3370,
0.3691

Harmonies

Analogous

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



38.6999, 0.2420, 0.2794



38.6999, 0.2579, 0.2664



38.6999, 0.2885, 0.2689

Triad

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



38.6999, 0.2579, 0.2664



38.6999, 0.3873, 0.3431



38.6999, 0.2947, 0.3796

Complementary

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



38.6999, 0.2579, 0.2664



52.6605, 0.3714, 0.3844

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.



38.6999, 0.3335, 0.3980



38.6999, 0.2579, 0.2664



38.6999, 0.3883, 0.3733

Square

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



38.6999, 0.2579, 0.2664



38.6999, 0.3645, 0.3116



38.6999, 0.3681, 0.3945



38.6999, 0.2622, 0.3448

Rectangle

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



38.6999, 0.2579, 0.2664



38.6999, 0.3142, 0.2784



38.6999, 0.3681, 0.3945



38.6999, 0.3075, 0.3881

Sweetspot

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



38.7014, 0.2579, 0.2664



85.3923, 0.2971, 0.3123



57.5550, 0.2807, 0.3635



17.8640, 0.2948, 0.3098



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.



38.7014, 0.2579, 0.2664



50.3618, 0.2451, 0.2500



31.2165, 0.2611, 0.2330



12.7174, 0.2982, 0.3135



6.1873, 0.1650, 0.1139



0.5265, 0.1747, 0.1490

Inverse Universe

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



36.7642, 0.3622, 0.2985



47.7140, 0.3778, 0.2917



62.9813, 0.3548, 0.4135



12.4924, 0.3236, 0.3208



8.9695, 0.5554, 0.2833



0.5565, 0.5071, 0.2567

Previews

White Background



This preview shows how the Yxy color 38.6999, 0.2579, 0.2664 looks on a white background.

Color Contrast Check

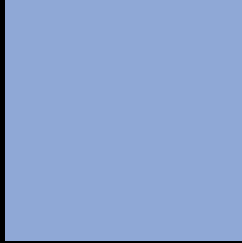
Large Text (above 18pt) WCAG AA × Fail

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 38.6999, 0.2579, 0.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

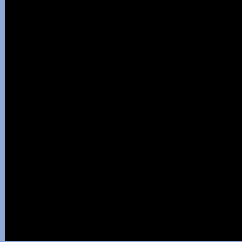
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

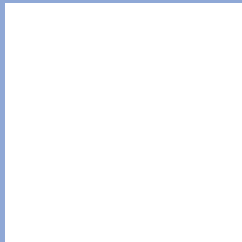
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6999, 0.2579, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 38.6999, 0.2579, 0.2664.



This preview shows how white text looks on a background with the Yxy color 38.6999, 0.2579, 0.2664.

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

38.6999, 0.2579, 0.2664

Protanopia

38.6323, 0.2676, 0.2661

Deuteranopia

38.6253, 0.2670, 0.2614



Tritanopia

38.7934, 0.2723, 0.3086

Trichromacy



Original Color

38.6999, 0.2579, 0.2664

Protanomaly

38.6558, 0.2641, 0.2658

Deuteranomaly

38.4920, 0.2633, 0.2621

Tritanomaly

38.6460, 0.2666, 0.2920

Monochromacy



Original Color

38.6999, 0.2579, 0.2664

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3254, 0.2916, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6999, 0.2579, 0.2664 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(143, 168, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 168, 214)  
}
```

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(143, 168, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 168, 214) }
```

Border

The CSS property to change the border of an element to Yxy 38.6999, 0.2579, 0.2664 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(143, 168, 214) }
```

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

```
.border{ border-color:rgb(143, 168, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 168, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 168, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 168, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 168,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6999, 0.2579, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 168, 214) }
```

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

```
.background{ background-color: rgb(143,  
168, 214) }
```

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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