

Converting Colors

$Y_{xy}(30.8630, 0.2564, 0.2437)$

Have a look what the booklet for
Yxy(30.8630, 0.2564, 0.2437)
contains.

Yxy(30.9479, 0.2565, 0.2442)	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(30.9479, 0.2565, 0.2442)

Conversions

Conversions Part 1

Format	Color
Hex	8C93CF
RGB	140, 147, 207
RGB Percent	55%, 58%, 81%
CMY	0.4510, 0.4235, 0.1883
CMYK	0.32, 0.29, 0.00, 0.19
HSL	234°, 41%, 68%
HSV	234°, 32%, 81%
XYZ	32.5067, 30.9479, 63.2772
YIQ	151.7470, -23.4320, 17.1760

Conversions

Conversions Part 2

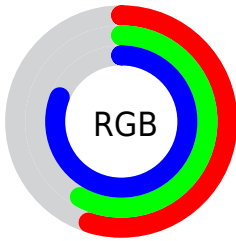
Format	Color
R _Y B	140, 146, 207
Decimal	9212879
CIE Lab	62.46, 11.46, -31.62
CIE LCh	62, 33.630, 289.917
Yxy	30.9479, 0.2565, 0.2442
Android (android.graphics.Color)	4287402959 (0xFF8C93CF)
YUV	151.7470, 27.2397, -10.3021
Hunter-Lab	55.6308, 6.9487, -28.4977

Details

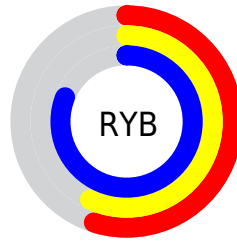
The Yxy color **30.9479, 0.2565, 0.2442** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.4401, 0.3636, 0.4016**, and the grayscale version is **31.1722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5954, 0.2730, 0.2692**, and **12.8426, 0.2385, 0.2208** is the 20% darker color. If you saturate the color by 10%, you get **24.0115, 0.2363, 0.2126**, and if you desaturate by 10%, it is **39.1527, 0.2757, 0.2736**.

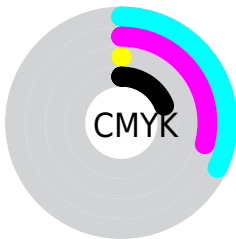
Distribution



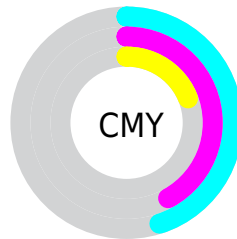
- Red (55%)
- Green (58%)
- Blue (81%)



- Red (55%)
- Yellow (57%)
- Blue (81%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9479, 0.2565, 0.2442 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 30.9479, 0.2565, 0.2442 by changing the saturation by 10% instead.

■ 30.9479, 0.2565,
0.2442

■ 30.9479, 0.2565,
0.2442

■ 306.2982, 0.2862,
0.2873

■ 20.5592, 0.2487,
0.2334

■ 61.1580, 0.2676,
0.2599

■ 12.8022, 0.2385,
0.2196

■ 81.7482, 0.2717,
0.2658

■ 7.2925, 0.2246,
0.2013

■ 106.5077, 0.2751,
0.2708

■ 3.6457, 0.2049,
0.1764

■ 135.8209, 0.2780,
0.2751

■ 1.4774, 0.1754,
0.1412

■ 170.0721, 0.2805,
0.2787

■ 0.2727, 0.1257,
0.0636

■ 209.6458, 0.2826,

■ 0.0000, 0.0000,

0.2820

0.0000

254.9264, 0.2845,
0.2848

■ 30.9479, 0.2565,
0.2442

■ 30.9479, 0.2565,
0.2442

■ 24.0115, 0.2363,
0.2126

■ 39.1527, 0.2757,
0.2736

■ 18.2766, 0.2159,
0.1799

■ 48.6813, 0.2933,
0.3002

■ 13.6755, 0.1963,
0.1478

■ 59.5899, 0.3092,
0.3238

■ 10.1323, 0.1791,
0.1183

■ 71.9307, 0.3233,
0.3445

■ 7.5619, 0.1654,
0.0937

■ 85.7529, 0.3358,
0.3625

■ 5.8653, 0.1561,
0.0757

■ 97.2839, 0.3412,
0.3761

■ 5.0670, 0.1519,
0.0667

Harmonies

Analogous

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



30.9479, 0.2253, 0.2499



30.9479, 0.2565, 0.2442



30.9479, 0.3049, 0.2575

Triad

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



30.9479, 0.2565, 0.2442



30.9479, 0.4205, 0.3672



30.9479, 0.2633, 0.3773

Complementary

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



30.9479, 0.2565, 0.2442



56.4401, 0.3636, 0.4016

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.



30.9479, 0.3130, 0.4176



30.9479, 0.2565, 0.2442



30.9479, 0.4052, 0.4049

Square

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



30.9479, 0.2565, 0.2442



30.9479, 0.4038, 0.3249



30.9479, 0.3652, 0.4261



30.9479, 0.2286, 0.3228

Rectangle

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



30.9479, 0.2565, 0.2442



30.9479, 0.3418, 0.2751



30.9479, 0.3652, 0.4261



30.9479, 0.2787, 0.3935

Sweetspot

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



30.9491, 0.2565, 0.2442



81.7724, 0.2970, 0.3058



54.3201, 0.2714, 0.3393



16.9940, 0.2947, 0.3023



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.



30.9491, 0.2565, 0.2442



41.5098, 0.2422, 0.2219



31.3259, 0.2775, 0.2396



11.6144, 0.2982, 0.3075



3.2600, 0.1522, 0.0679



0.2516, 0.1583, 0.0899

Inverse Universe

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



34.1204, 0.3789, 0.3202



47.6388, 0.4004, 0.3183



56.3677, 0.3400, 0.4151



11.8281, 0.3274, 0.3266



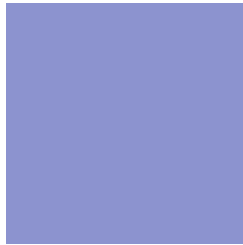
8.4004, 0.6267, 0.3226



0.4767, 0.5914, 0.3031

Previews

White Background



This preview shows how the Yxy color 30.9479, 0.2565, 0.2442 looks on a white background.

Color Contrast Check

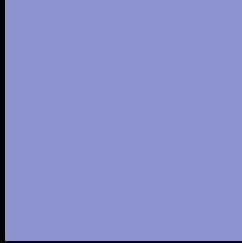
Large Text (above 18pt) WCAG AA × Fail

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 30.9479, 0.2565, 0.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

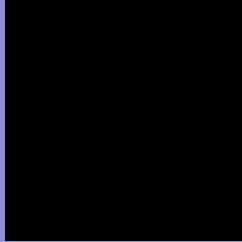
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9479, 0.2565, 0.2442

Background



This preview shows how black text looks on a background with the Yxy color 30.9479, 0.2565, 0.2442.



This preview shows how white text looks on a background with the Yxy color 30.9479, 0.2565, 0.2442.

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

30.9479, 0.2565, 0.2442

Protanopia

31.0355, 0.2508, 0.2447

Deuteranopia

31.0682, 0.2522, 0.2461



Tritanopia

31.0580, 0.2800, 0.3100

Trichromacy



Original Color

30.9479, 0.2565, 0.2442

Protanomaly

30.9681, 0.2529, 0.2437

Deuteranomaly

30.9190, 0.2535, 0.2449

Tritanomaly

30.9022, 0.2705, 0.2833

Monochromacy



Original Color

30.9479, 0.2565, 0.2442

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0872, 0.2909, 0.2959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9479, 0.2565, 0.2442 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(140, 147, 207)` looks like.

```
.text, #text, p{  
    color:rgb(140, 147, 207)  
}
```

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(140, 147, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 147, 207) }
```

Border

The CSS property to change the border of an element to Yxy 30.9479, 0.2565, 0.2442 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(140, 147, 207) }
```

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

```
.border{ border-color:rgb(140, 147, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 147, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 147, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 147, 207);  
box-shadow:4px 4px 4px 4px rgb(140, 147,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9479, 0.2565, 0.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 147, 207) }
```

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

```
.background{ background-color: rgb(140,  
147, 207) }
```

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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