

Converting Colors

$Y_{xy}(31.5467, 0.2579, 0.2339)$

Have a look what the booklet for
Yxy(31.5467, 0.2579, 0.2339)
contains.

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Color

Yxy(31.5467, 0.2579, 0.2339)

Conversions

Conversions Part 1

Format	Color
Hex	9591D7
RGB	149, 145, 215
RGB Percent	58%, 57%, 84%
CMY	0.4157, 0.4313, 0.1569
CMYK	0.31, 0.33, 0.00, 0.16
HSL	243°, 47%, 71%
HSV	243°, 33%, 84%
XYZ	34.7836, 31.5467, 68.5423
YIQ	154.1760, -20.0860, 22.6180

Conversions

Conversions Part 2

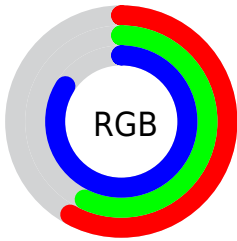
Format	Color
RYB	149, 145, 215
Decimal	9802199
CIELab	62.97, 17.27, -35.26
CIELCh	63, 39.261, 296.096
Yxy	31.5467, 0.2579, 0.2339
Android (android.graphics.Color)	4287992279 (0xFF9591D7)
YUV	154.1760, 29.9862, -4.5394
Hunter-Lab	56.1664, 12.2530, -33.0375

Details

The Yxy color **31.5467, 0.2579, 0.2339** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.4935, 0.3584, 0.4107**, and the grayscale version is **32.2689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0460, 0.2795, 0.2681**, and **13.2093, 0.2404, 0.2081** is the 20% darker color. If you saturate the color by 10%, you get **23.8433, 0.2375, 0.1993**, and if you desaturate by 10%, it is **40.8278, 0.2769, 0.2665**.

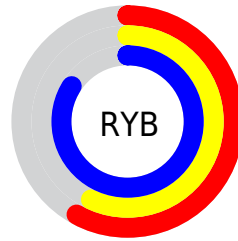
Distribution



Red (58%)

Green (57%)

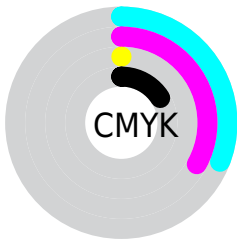
Blue (84%)



Red (58%)

Yellow (57%)

Blue (84%)

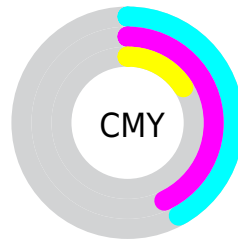


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (43%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5467, 0.2579, 0.2339 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 31.5467, 0.2579, 0.2339 by changing the saturation by 10% instead.

■ 31.5467, 0.2579,
0.2339

■ 31.5467, 0.2579,
0.2339

■ 309.0491, 0.2869,
0.2814

■ 21.0155, 0.2503,
0.2223

■ 62.0998, 0.2688,
0.2510

■ 13.1353, 0.2403,
0.2076

■ 82.8904, 0.2728,
0.2575

■ 7.5218, 0.2268,
0.1885

■ 107.8697, 0.2761,
0.2630

■ 3.7905, 0.2078,
0.1630

■ 137.4220, 0.2789,
0.2677

■ 1.5571, 0.1796,
0.1281

■ 171.9317, 0.2814,
0.2718

■ 0.3284, 0.1376,
0.0616

■ 211.7832, 0.2835,

■ 0.0000, 0.0000,

0.2754

0.0000

257.3609, 0.2853,
0.2786

■ 31.5467, 0.2579,
0.2339

■ 31.5467, 0.2579,
0.2339

■ 23.8433, 0.2375,
0.1993

■ 40.8278, 0.2769,
0.2665

■ 17.6263, 0.2166,
0.1642

■ 51.7636, 0.2940,
0.2963

■ 12.8010, 0.1965,
0.1309

■ 64.4306, 0.3092,
0.3228

■ 9.2600, 0.1787,
0.1021

■ 78.8994, 0.3223,
0.3460

■ 6.8802, 0.1647,
0.0801

■ 95.2367, 0.3337,
0.3661

■ 5.5146, 0.1554,
0.0664

■ 97.6861, 0.3364,
0.3681

■ 4.9860, 0.1515,
0.0608

Harmonies

Analogous

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



31.5467, 0.2183, 0.2351



31.5467, 0.2579, 0.2339



31.5467, 0.3163, 0.2529

Triad

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



31.5467, 0.2579, 0.2339



31.5467, 0.4365, 0.3809



31.5467, 0.2453, 0.3725

Complementary

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



31.5467, 0.2579, 0.2339



64.4935, 0.3584, 0.4107

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.



31.5467, 0.2995, 0.4262



31.5467, 0.2579, 0.2339



31.5467, 0.4112, 0.4226

Square

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



31.5467, 0.2579, 0.2339



31.5467, 0.4255, 0.3331



31.5467, 0.3604, 0.4432



31.5467, 0.2111, 0.3084

Rectangle

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



31.5467, 0.2579, 0.2339



31.5467, 0.3592, 0.2749



31.5467, 0.3604, 0.4432



31.5467, 0.2617, 0.3932

Sweetspot

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



31.5479, 0.2579, 0.2339



80.5167, 0.2979, 0.3031



57.7619, 0.2660, 0.3244



16.6933, 0.2957, 0.2992



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.



31.5479, 0.2579, 0.2339



38.4454, 0.2441, 0.2104



35.2879, 0.2875, 0.2414



12.0421, 0.2990, 0.3049



2.9973, 0.1519, 0.0611



0.1929, 0.1579, 0.0644

Inverse Universe

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



39.4030, 0.3201, 0.2527



51.7468, 0.3218, 0.2372



59.9319, 0.3312, 0.4185



12.6199, 0.3146, 0.3073



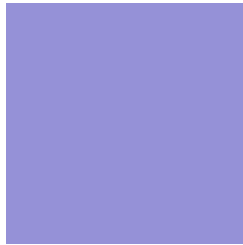
11.2186, 0.3356, 0.1623



0.6805, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 31.5467, 0.2579, 0.2339 looks on a white background.

Color Contrast Check

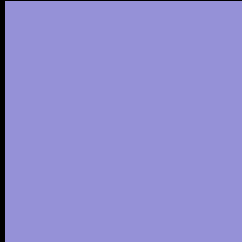
Large Text (above 18pt) WCAG AA × Fail

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 31.5467, 0.2579, 0.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

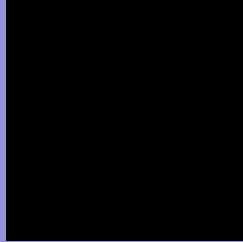
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5467, 0.2579, 0.2339

Background



This preview shows how black text looks on a background with the Yxy color 31.5467, 0.2579, 0.2339.



This preview shows how white text looks on a background with the Yxy color 31.5467, 0.2579, 0.2339.

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

31.5467, 0.2579, 0.2339

Protanopia

31.6730, 0.2420, 0.2329

Deuteranopia

31.8136, 0.2459, 0.2402



Tritanopia

31.7217, 0.2871, 0.3104

Trichromacy



Original Color

31.5467, 0.2579, 0.2339

Protanomaly

31.5601, 0.2472, 0.2324

Deuteranomaly

31.7532, 0.2507, 0.2386

Tritanomaly

31.4335, 0.2766, 0.2800

Monochromacy



Original Color

31.5467, 0.2579, 0.2339

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.9432, 0.2913, 0.2921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5467, 0.2579, 0.2339 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(149, 145, 215)` looks like.

```
.text, #text, p{  
    color:rgb(149, 145, 215)  
}
```

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(149, 145, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 145, 215) }
```

Border

The CSS property to change the border of an element to Yxy 31.5467, 0.2579, 0.2339 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(149, 145, 215) }
```

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

```
.border{ border-color:rgb(149, 145, 215) }
```

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

Here you see how a box with a 4 pixel rgb(149, 145, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 145, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 145, 215);  
box-shadow:4px 4px 4px 4px rgb(149, 145,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5467, 0.2579, 0.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 145, 215) }
```

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

```
.background{ background-color: rgb(149,  
145, 215) }
```

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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