

Converting Colors

$Y_{xy}(31.9899, 0.2758, 0.2822)$

Have a look what the booklet for
Yxy(31.9899, 0.2758, 0.2822)
contains.

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Color

Yxy(31.9939, 0.2759, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	8E99B8
RGB	142, 153, 184
RGB Percent	56%, 60%, 72%
CMY	0.4433, 0.3999, 0.2785
CMYK	0.23, 0.17, 0.00, 0.28
HSL	224°, 23%, 64%
HSV	224°, 23%, 72%
XYZ	31.1912, 31.9939, 49.8675
YIQ	153.2450, -16.5070, 7.3090

Conversions

Conversions Part 2

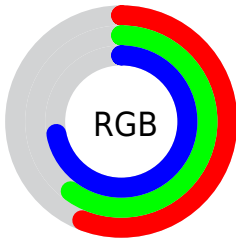
Format	Color
R _Y B	142, 151, 184
Decimal	9345464
CIE Lab	63.34, 2.91, -17.37
CIE LCh	63, 17.616, 279.497
Yxy	31.9939, 0.2759, 0.2830
Android (android.graphics.Color)	4287535544 (0xFF8E99B8)
YUV	153.2450, 15.1622, -9.8619
Hunter-Lab	56.5632, -0.5533, -12.6774

Details

The Yxy color **31.9939, 0.2759, 0.2830** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9976, 0.3497, 0.3711**, and the grayscale version is **31.9032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6527, 0.2831, 0.2917**, and **13.3656, 0.2638, 0.2679** is the 20% darker color. If you saturate the color by 10%, you get **26.3112, 0.2580, 0.2591**, and if you desaturate by 10%, it is **38.4521, 0.2928, 0.3046**.

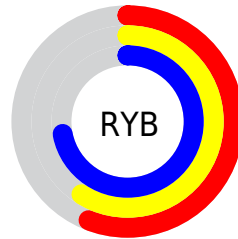
Distribution



Red (56%)

Green (60%)

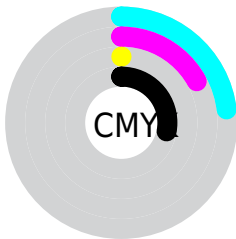
Blue (72%)



Red (56%)

Yellow (59%)

Blue (72%)

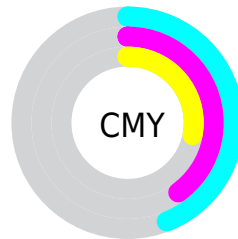


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (28%)



Cyan (44%)


Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9939, 0.2759, 0.2830 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 31.9939, 0.2759, 0.2830 by changing the saturation by 10% instead.


 31.9939, 0.2759,
0.2830


 31.9939, 0.2759,
0.2830


311.0915, 0.2953,
0.3070

 21.3568, 0.2707,
0.2767


 62.8015, 0.2832,
0.2920

 13.3851, 0.2639,
0.2684


 83.7409, 0.2859,
0.2953

 7.6943, 0.2544,
0.2570


108.8831, 0.2881,
0.2980

 3.8999, 0.2405,
0.2405

138.6126, 0.2900,
0.3004

 1.6177, 0.2185,
0.2147

173.3139, 0.2916,
0.3024

 0.3695, 0.1645,
0.1439

213.3711, 0.2930,

 0.0000, 0.0000,

0.3041

0.0000

259.1689, 0.2942,
0.3057

■ 31.9939, 0.2759,
0.2830

■ 31.9939, 0.2759,
0.2830

■ 26.3112, 0.2580,
0.2591

■ 38.4521, 0.2928,
0.3046

■ 21.3700, 0.2395,
0.2333

■ 45.7100, 0.3085,
0.3239

■ 17.1397, 0.2210,
0.2060

■ 53.7959, 0.3229,
0.3410

■ 13.5859, 0.2034,
0.1782

■ 62.7352, 0.3359,
0.3559

■ 10.6708, 0.1874,
0.1511

■ 72.5523, 0.3477,
0.3689

■ 8.3530, 0.1741,
0.1261

■ 83.2707, 0.3582,
0.3802

■ 6.5848, 0.1641,
0.1045

■ 91.8030, 0.3567,
0.3925

■ 5.6075, 0.1588,
0.0916

■ 96.2399, 0.3550,
0.3989

Harmonies

Analogous

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



31.9939, 0.2622, 0.2914



31.9939, 0.2759, 0.2830



31.9939, 0.2997, 0.2862

Triad

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



31.9939, 0.2759, 0.2830



31.9939, 0.3670, 0.3435



31.9939, 0.2961, 0.3613

Complementary

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



31.9939, 0.2759, 0.2830



41.9976, 0.3497, 0.3711

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.



31.9939, 0.3239, 0.3766



31.9939, 0.2759, 0.2830



31.9939, 0.3656, 0.3645

Square

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



31.9939, 0.2759, 0.2830



31.9939, 0.3530, 0.3201



31.9939, 0.3495, 0.3772



31.9939, 0.2734, 0.3364

Rectangle

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



31.9939, 0.2759, 0.2830



31.9939, 0.3185, 0.2942



31.9939, 0.3495, 0.3772



31.9939, 0.3051, 0.3679

Sweetspot

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



31.9952, 0.2759, 0.2830



77.0711, 0.3019, 0.3160



43.0285, 0.2872, 0.3451



16.4466, 0.3010, 0.3148



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.9952, 0.2759, 0.2830



53.0891, 0.2677, 0.2723



29.4468, 0.2837, 0.2676



9.0936, 0.2985, 0.3117



3.9661, 0.1593, 0.0936



0.2443, 0.1740, 0.1464

Inverse Universe

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



31.8226, 0.3468, 0.3137



52.9316, 0.3559, 0.3104



45.2435, 0.3378, 0.3868



9.0500, 0.3248, 0.3230



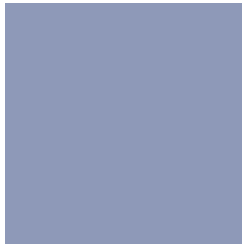
7.1827, 0.5856, 0.3000



0.2638, 0.5106, 0.2586

Previews

White Background



This preview shows how the Yxy color 31.9939, 0.2759, 0.2830 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 31.9939, 0.2759, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

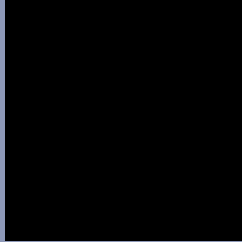
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

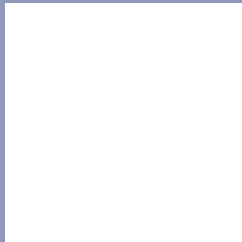
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9939, 0.2759, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 31.9939, 0.2759, 0.2830.



This preview shows how white text looks on a background with the Yxy color 31.9939, 0.2759, 0.2830.

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

31.9939, 0.2759, 0.2830

Protanopia

32.0784, 0.2810, 0.2834

Deuteranopia

31.9909, 0.2837, 0.2783



Tritanopia

32.0931, 0.2864, 0.3104

Trichromacy



Original Color

31.9939, 0.2759, 0.2830

Protanomaly

31.8951, 0.2792, 0.2831

Deuteranomaly

31.9319, 0.2802, 0.2793

Tritanomaly

32.0741, 0.2823, 0.3001

Monochromacy



Original Color

31.9939, 0.2759, 0.2830

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8524, 0.2989, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9939, 0.2759, 0.2830 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(142, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 184)  
}
```

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(142, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 184) }
```

Border

The CSS property to change the border of an element to Yxy 31.9939, 0.2759, 0.2830 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(142, 153, 184) }
```

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

```
.border{ border-color:rgb(142, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 153, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 153, 184); box-shadow:4px 4px 4px 4px rgb(142, 153, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9939, 0.2759, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 184) }
```

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

```
.background{ background-color: rgb(142,  
153, 184) }
```

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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