

Converting Colors

Yxy(34.6031, 0.2648, 0.2723)

Have a look what the booklet for
Yxy(34.6031, 0.2648, 0.2723)
contains.

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Color

Yxy(34.5825, 0.2649, 0.2719)

Conversions

Conversions Part 1	
Format	Color
Hex	8D9FC7
RGB	141, 159, 199
RGB Percent	55%, 62%, 78%
CMY	0.4469, 0.3765, 0.2197
CMYK	0.29, 0.20, 0.00, 0.22
HSL	221°, 34%, 67%
HSV	221°, 29%, 78%
XYZ	33.6922, 34.5825, 58.9136
YIQ	158.1780, -23.5680, 8.6240

Conversions

Conversions Part 2

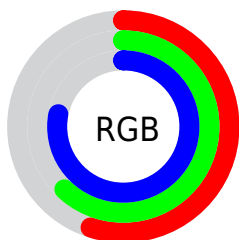
Format	Color
RYB	141, 155, 199
Decimal	9281479
CIELab	65.42, 2.90, -22.59
CIELCh	65, 22.775, 277.324
Yxy	34.5825, 0.2649, 0.2719
Android (android.graphics.Color)	4287471559 (0xFF8D9FC7)
YUV	158.1780, 20.1252, -15.0651
Hunter-Lab	58.8069, -0.6442, -18.2328

Details

The Yxy color `34.5825, 0.2649, 0.2719` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `47.1104, 0.3621, 0.3801`, and the grayscale version is `34.1943, 0.3127, 0.3290`.

A 20% lighter version of the original color is `67.0489, 0.2748, 0.2841`, and `14.8933, 0.2500, 0.2551` is the 20% darker color. If you saturate the color by 10%, you get `28.5313, 0.2469, 0.2482`, and if you desaturate by 10%, it is `41.4740, 0.2823, 0.2936`.

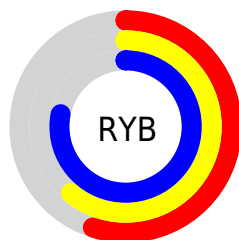
Distribution



Red (55%)

Green (62%)

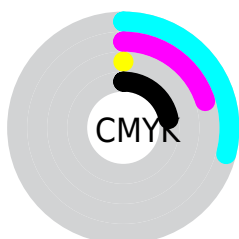
Blue (78%)



Red (55%)

Yellow (61%)

Blue (78%)

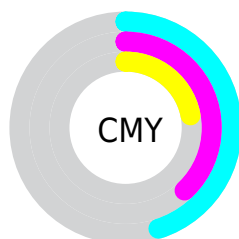


Cyan (29%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (45%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5825, 0.2649, 0.2719 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 34.5825, 0.2649, 0.2719 by changing the saturation by 10% instead.


 34.5825, 0.2649,
0.2719


 34.5825, 0.2649,
0.2719


 322.7217, 0.2897,
0.3012


 23.3414, 0.2585,
0.2644


 66.8385, 0.2741,
0.2827

 14.8458, 0.2501,
0.2547


 88.6222, 0.2775,
0.2867

 8.7113, 0.2388,
0.2416


 114.6889, 0.2803,
0.2901

 4.5533, 0.2226,
0.2232

 145.4231, 0.2828,
0.2930

 1.9877, 0.1982,
0.1957

 181.2090, 0.2849,
0.2955

 0.6003, 0.1560,
0.1460

 222.4312, 0.2867,

 0.0000, 0.0000,

0.2976

0.0000

269.4739, 0.2883,
0.2995

■ 34.5825, 0.2649,
0.2719

■ 34.5825, 0.2649,
0.2719

■ 28.5313, 0.2469,
0.2482

■ 41.4740, 0.2823,
0.2936

■ 23.2826, 0.2288,
0.2230

■ 49.2336, 0.2987,
0.3131

■ 18.8013, 0.2112,
0.1967

■ 57.8927, 0.3140,
0.3304

■ 15.0481, 0.1950,
0.1705

■ 67.4798, 0.3281,
0.3457

■ 11.9795, 0.1811,
0.1453

■ 78.0222, 0.3409,
0.3591

■ 9.5466, 0.1700,
0.1225

■ 88.5048, 0.3487,
0.3714

■ 7.6792, 0.1621,
0.1029

■ 96.9022, 0.3460,
0.3840

■ 7.5357, 0.1615,
0.1013

Harmonies

Analogous

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



34.5825, 0.2492, 0.2828



34.5825, 0.2649, 0.2719



34.5825, 0.2936, 0.2752

Triad

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



34.5825, 0.2649, 0.2719



34.5825, 0.3807, 0.3444



34.5825, 0.2939, 0.3722

Complementary

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



34.5825, 0.2649, 0.2719



47.1104, 0.3621, 0.3801

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.



34.5825, 0.3289, 0.3903



34.5825, 0.2649, 0.2719



34.5825, 0.3801, 0.3713

Square

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



34.5825, 0.2649, 0.2719



34.5825, 0.3617, 0.3156



34.5825, 0.3607, 0.3891



34.5825, 0.2651, 0.3406

Rectangle

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



34.5825, 0.2649, 0.2719



34.5825, 0.3171, 0.2844



34.5825, 0.3607, 0.3891



34.5825, 0.3053, 0.3802

Sweetspot

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



34.5839, 0.2649, 0.2719



86.2154, 0.2987, 0.3131



49.8195, 0.2825, 0.3544



18.0033, 0.2963, 0.3103



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.



34.5839, 0.2649, 0.2719



53.6301, 0.2534, 0.2570



29.8230, 0.2713, 0.2473



10.8152, 0.2983, 0.3126



4.9856, 0.1622, 0.1037



0.3665, 0.1742, 0.1470

Inverse Universe

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



33.7002, 0.3567, 0.3056



52.3111, 0.3703, 0.3003



53.4930, 0.3472, 0.4033



10.6902, 0.3242, 0.3219



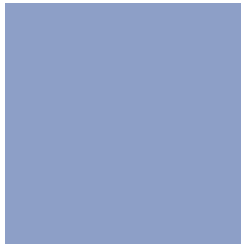
8.0433, 0.5703, 0.2915



0.3940, 0.5099, 0.2582

Previews

White Background



This preview shows how the Yxy color 34.5825, 0.2649, 0.2719 looks on a white background.

Color Contrast Check

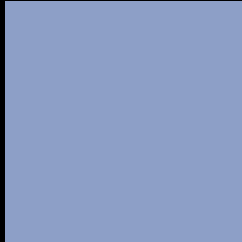
Large Text (above 18pt) WCAG AA × Fail

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 34.5825, 0.2649, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

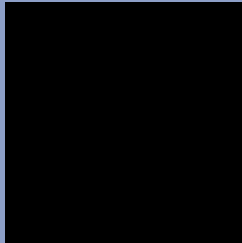
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

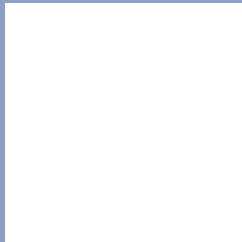
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.5825, 0.2649, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 34.5825, 0.2649, 0.2719.



This preview shows how white text looks on a background with the Yxy color 34.5825, 0.2649, 0.2719.

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

34.5825, 0.2649, 0.2719

Protanopia

34.5807, 0.2717, 0.2712

Deuteranopia

34.7194, 0.2734, 0.2678



Tritanopia

34.5632, 0.2782, 0.3093

Trichromacy



Original Color
34.5825, 0.2649, 0.2719

Protanomaly
34.6419, 0.2694, 0.2723

Deuteranomaly
34.6736, 0.2703, 0.2687

Tritanomaly
34.7046, 0.2737, 0.2963

Monochromacy



Original Color
34.5825, 0.2649, 0.2719

Achromatopsia
34.1914, 0.3127, 0.3290

Achromatomaly
34.1462, 0.2941, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5825, 0.2649, 0.2719 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(141, 159, 199) looks like.

```
.text, #text, p{  
    color:rgb(141, 159, 199)  
}
```

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(141, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 159, 199) }
```

Border

The CSS property to change the border of an element to Yxy 34.5825, 0.2649, 0.2719 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(141, 159, 199) }
```

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

```
.border{ border-color:rgb(141, 159, 199) }
```

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

Here you see how a box with a 4 pixel rgb(141, 159, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 159, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 159, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 159,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5825, 0.2649, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 159, 199) }
```

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

```
.background{ background-color: rgb(141,  
159, 199) }
```

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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