

Converting Colors

$Y_{xy}(29.3551, 0.2710, 0.2790)$

Have a look what the booklet for
Yxy(29.3551, 0.2710, 0.2790)
contains.

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Color

Yxy(29.5434, 0.2715, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	8694B4
RGB	134, 148, 180
RGB Percent	53%, 58%, 71%
CMY	0.4743, 0.4197, 0.2941
CMYK	0.26, 0.18, 0.00, 0.29
HSL	222°, 23%, 62%
HSV	222°, 26%, 71%
XYZ	28.6670, 29.5434, 47.3771
YIQ	147.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

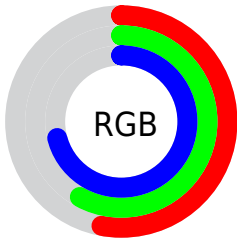
Format	Color
RYB	134, 145, 180
Decimal	8819892
CIELab	61.26, 2.30, -18.35
CIELCh	61, 18.494, 277.157
Yxy	29.5434, 0.2715, 0.2798
Android (android.graphics.Color)	4287009972 (0xFF8694B4)
YUV	147.4620, 16.0412, -11.8062
Hunter-Lab	54.3538, -0.9757, -13.6320

Details

The Yxy color $29.5434, 0.2715, 0.2798$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $38.7297, 0.3550, 0.3737$, and the grayscale version is $29.3212, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9886, 0.2798, 0.2895$, and $11.9207, 0.2573, 0.2628$ is the 20% darker color. If you saturate the color by 10%, you get $24.4643, 0.2537, 0.2568$, and if you desaturate by 10%, it is $35.3032, 0.2885, 0.3008$.

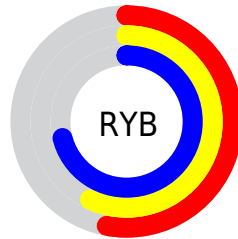
Distribution



Red (53%)

Green (58%)

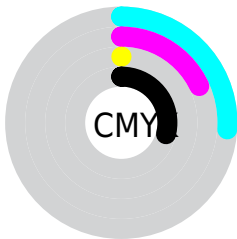
Blue (71%)



Red (53%)

Yellow (57%)

Blue (71%)

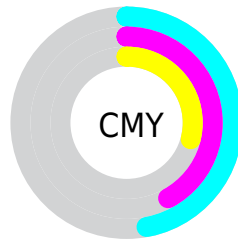


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5434, 0.2715, 0.2798 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 29.5434, 0.2715, 0.2798 by changing the saturation by 10% instead.

■ 29.5434, 0.2715,
0.2798

■ 29.5434, 0.2715,
0.2798

■ 299.7703, 0.2935,
0.3058

■ 19.4923, 0.2656,
0.2728

■ 58.9393, 0.2798,
0.2896

■ 12.0265, 0.2577,
0.2636

■ 79.0529, 0.2828,
0.2932

■ 6.7617, 0.2467,
0.2509

■ 103.2895, 0.2854,
0.2962

■ 3.3135, 0.2304,
0.2322

■ 132.0334, 0.2875,
0.2987

■ 1.2975, 0.2042,
0.2027

■ 165.6690, 0.2893,
0.3009

■ 0.1393, 0.1024,
0.0756

■ 204.5808, 0.2909,

■ 0.0000, 0.0000,

0.3027

0.0000

249.1531, 0.2923,
0.3044

■ 29.5434, 0.2715,
0.2798

■ 29.5434, 0.2715,
0.2798

■ 24.4643, 0.2537,
0.2568

■ 35.3032, 0.2885,
0.3008

■ 20.0361, 0.2356,
0.2320

■ 41.7649, 0.3044,
0.3195

■ 16.2318, 0.2178,
0.2060

■ 48.9532, 0.3192,
0.3362

■ 13.0212, 0.2010,
0.1795

■ 56.8904, 0.3327,
0.3508

■ 10.3710, 0.1861,
0.1538

■ 65.5978, 0.3449,
0.3636

■ 8.2443, 0.1738,
0.1299

■ 75.0960, 0.3560,
0.3748

■ 6.5978, 0.1647,
0.1091

■ 84.4312, 0.3624,
0.3853

■ 5.9870, 0.1613,
0.1008

■ 91.9023, 0.3590,
0.3968

■ 96.0758, 0.3573,
0.4027

Harmonies

Analogous

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



29.5434, 0.2578, 0.2896



29.5434, 0.2715, 0.2798



29.5434, 0.2963, 0.2824

Triad

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



29.5434, 0.2715, 0.2798



29.5434, 0.3707, 0.3425



29.5434, 0.2970, 0.3658

Complementary

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



29.5434, 0.2715, 0.2798



38.7297, 0.3550, 0.3737

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.



29.5434, 0.3270, 0.3811



29.5434, 0.2715, 0.2798



29.5434, 0.3704, 0.3656

Square

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



29.5434, 0.2715, 0.2798



29.5434, 0.3544, 0.3175



29.5434, 0.3541, 0.3804



29.5434, 0.2720, 0.3392

Rectangle

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



29.5434, 0.2715, 0.2798



29.5434, 0.3165, 0.2904



29.5434, 0.3541, 0.3804



29.5434, 0.3068, 0.3725

Sweetspot

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



29.5446, 0.2715, 0.2798



72.5369, 0.3004, 0.3148



40.4535, 0.2861, 0.3507



15.2934, 0.2980, 0.3121



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.5446, 0.2715, 0.2798



47.8905, 0.2609, 0.2662



26.1554, 0.2775, 0.2592



8.6363, 0.2985, 0.3127



4.2835, 0.1619, 0.1029



0.2402, 0.1783, 0.1617

Inverse Universe

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



28.9085, 0.3498, 0.3093



46.8477, 0.3617, 0.3043



43.0939, 0.3428, 0.3933



8.5463, 0.3241, 0.3221



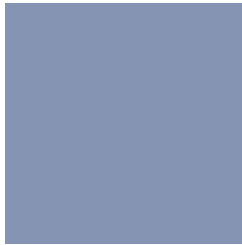
6.9726, 0.5715, 0.2922



0.2300, 0.4910, 0.2479

Previews

White Background



This preview shows how the Yxy color 29.5434, 0.2715, 0.2798 looks on a white background.

Color Contrast Check

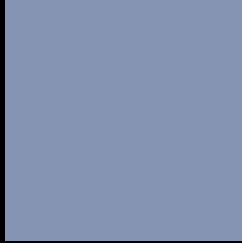
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5434, 0.2715, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

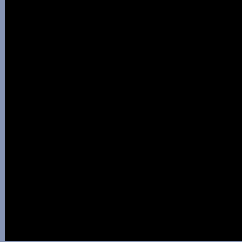
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5434, 0.2715, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 29.5434, 0.2715, 0.2798.



This preview shows how white text looks on a background with the Yxy color 29.5434, 0.2715, 0.2798.

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

29.5434, 0.2715, 0.2798

Protanopia

29.3879, 0.2773, 0.2788

Deuteranopia

29.6067, 0.2802, 0.2752



Tritanopia

29.6029, 0.2829, 0.3097

Trichromacy



Original Color

29.5434, 0.2715, 0.2798

Protanomaly

29.5254, 0.2757, 0.2801

Deuteranomaly

29.5567, 0.2766, 0.2762

Tritanomaly

29.5828, 0.2787, 0.2989

Monochromacy



Original Color

29.5434, 0.2715, 0.2798

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1214, 0.2965, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5434, 0.2715, 0.2798 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(134, 148, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 148, 180)  
}
```

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(134, 148, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 180) }
```

Border

The CSS property to change the border of an element to Yxy 29.5434, 0.2715, 0.2798 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(134, 148, 180) }
```

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

```
.border{ border-color:rgb(134, 148, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 148, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5434, 0.2715, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 180) }
```

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

```
.background{ background-color: rgb(134,  
148, 180) }
```

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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