

Converting Colors

$Y_{xy}(29.5913, 0.2702, 0.2638)$

Have a look what the booklet for
Yxy(29.5913, 0.2702, 0.2638)
contains.

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Color

Yxy(29.5876, 0.2702, 0.2638)

Conversions

Conversions Part 1

Format	Color
Hex	8D91BD
RGB	141, 145, 189
RGB Percent	55%, 57%, 74%
CMY	0.4468, 0.4314, 0.2588
CMYK	0.25, 0.23, 0.00, 0.26
HSL	235°, 27%, 65%
HSV	235°, 25%, 74%
XYZ	30.3054, 29.5876, 52.2662
YIQ	148.8200, -16.5080, 12.8360

Conversions

Conversions Part 2

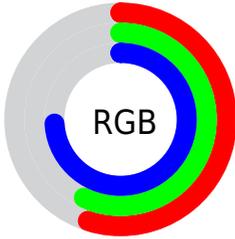
Format	Color
RYB	141, 145, 189
Decimal	9277885
CIELab	61.30, 8.41, -23.33
CIElCh	61, 24.796, 289.822
Yxy	29.5876, 0.2702, 0.2638
Android (android.graphics.Color)	4287467965 (0xFF8D91BD)
YUV	148.8200, 19.8087, -6.8581
Hunter-Lab	54.3945, 4.2594, -18.8940

Details

The Yxy color $29.5876, 0.2702, 0.2638$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $47.4893, 0.3516, 0.3868$, and the grayscale version is $29.9007, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0415, 0.2788, 0.2771$, and $12.1357, 0.2558, 0.2434$ is the 20% darker color. If you saturate the color by 10%, you get $23.1642, 0.2506, 0.2331$, and if you desaturate by 10%, it is $37.1070, 0.2883, 0.2918$.

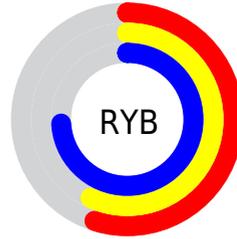
Distribution



Red (55%)

Green (57%)

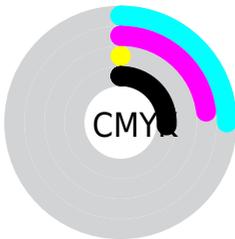
Blue (74%)



Red (55%)

Yellow (57%)

Blue (74%)

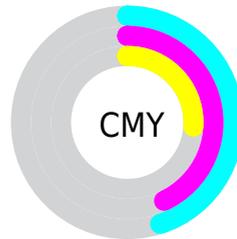


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (43%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5876, 0.2702, 0.2638 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 29.5876, 0.2702, 0.2638 by changing the saturation by 10% instead.

■ 29.5876, 0.2702,
0.2638

■ 29.5876, 0.2702,
0.2638

■ 299.9774, 0.2930,
0.2977

■ 19.5258, 0.2640,
0.2550

■ 59.0094, 0.2788,
0.2764

■ 12.0508, 0.2558,
0.2435

■ 79.1381, 0.2820,
0.2810

■ 6.7783, 0.2445,
0.2278

■ 103.3913, 0.2846,
0.2849

■ 3.3238, 0.2277,
0.2056

■ 132.1533, 0.2868,
0.2883

■ 1.3030, 0.2012,
0.1721

■ 165.8085, 0.2887,
0.2911

■ 0.1436, 0.1351,
0.0568

■ 204.7413, 0.2903,

■ 0.0000, 0.0000,

0.2936

0.0000

249.3362, 0.2917,
0.2958

■ 29.5876, 0.2702,
0.2638

■ 29.5876, 0.2702,
0.2638

■ 23.1642, 0.2506,
0.2331

■ 37.1070, 0.2883,
0.2918

■ 17.7821, 0.2301,
0.2005

■ 45.7664, 0.3047,
0.3168

■ 13.3873, 0.2097,
0.1673

■ 55.6119, 0.3192,
0.3388

■ 9.9198, 0.1906,
0.1355

■ 66.6859, 0.3320,
0.3579

■ 7.3127, 0.1741,
0.1074

■ 79.0288, 0.3432,
0.3744

■ 5.4900, 0.1617,
0.0850

■ 92.6791, 0.3529,
0.3887

■ 4.3623, 0.1539,
0.0698

■ 96.4548, 0.3520,
0.3939

■ 4.0280, 0.1514,
0.0651

Harmonies

Analogous

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



29.5876, 0.2458, 0.2691



29.5876, 0.2702, 0.2638



29.5876, 0.3072, 0.2738

Triad

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



29.5876, 0.2702, 0.2638



29.5876, 0.3933, 0.3595



29.5876, 0.2760, 0.3648

Complementary

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



29.5876, 0.2702, 0.2638



47.4893, 0.3516, 0.3868

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.



29.5876, 0.3140, 0.3938



29.5876, 0.2702, 0.2638



29.5876, 0.3828, 0.3873

Square

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



29.5876, 0.2702, 0.2638



29.5876, 0.3805, 0.3268



29.5876, 0.3533, 0.4013



29.5876, 0.2488, 0.3254

Rectangle

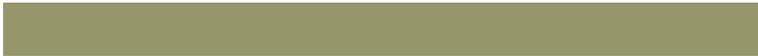
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.5876, 0.2702, 0.2638



29.5876, 0.3348, 0.2877



29.5876, 0.3533, 0.4013



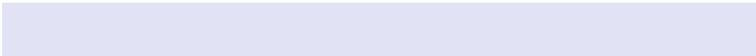
29.5876, 0.2878, 0.3763

Sweetspot

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



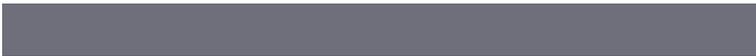
29.5888, 0.2702, 0.2638



77.4581, 0.3003, 0.3102



45.5747, 0.2786, 0.3345



16.1436, 0.2979, 0.3065



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



29.5888, 0.2702, 0.2638



46.8597, 0.2603, 0.2484



30.3283, 0.2882, 0.2614



9.3470, 0.2984, 0.3072



2.7570, 0.1517, 0.0662



0.1510, 0.1580, 0.0886

Inverse Universe

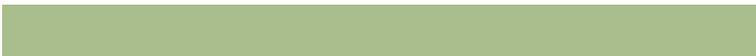
The Inverse Universe completely reimagines the original color for something new.



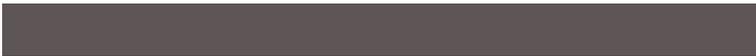
31.9359, 0.3613, 0.3238



51.8267, 0.3747, 0.3227



46.7666, 0.3328, 0.3952



9.5487, 0.3276, 0.3272



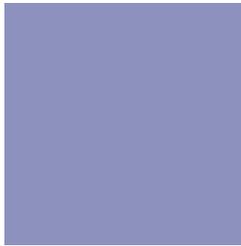
7.3080, 0.6297, 0.3242



0.2906, 0.5933, 0.3042

Previews

White Background



This preview shows how the Yxy color 29.5876, 0.2702, 0.2638 looks on a white background.

Color Contrast Check

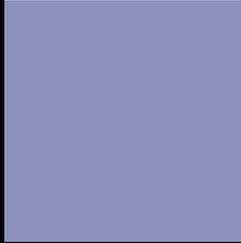
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5876, 0.2702, 0.2638 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

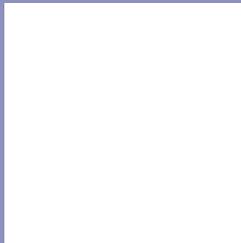
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5876, 0.2702, 0.2638

Background



This preview shows how black text looks on a background with the Yxy color 29.5876, 0.2702, 0.2638.



This preview shows how white text looks on a background with the Yxy color 29.5876, 0.2702, 0.2638.

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

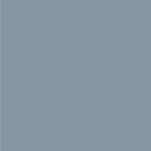
29.5876, 0.2702, 0.2638

Protanopia

29.5938, 0.2661, 0.2634

Deuteranopia

29.5876, 0.2702, 0.2638



Tritanopia

29.6556, 0.2882, 0.3099

Trichromacy



Original Color

29.5876, 0.2702, 0.2638

Protanomaly

29.6787, 0.2669, 0.2636

Deuteranomaly

29.5876, 0.2702, 0.2638

Tritanomaly

29.5616, 0.2815, 0.2918

Monochromacy



Original Color

29.5876, 0.2702, 0.2638

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.9711, 0.2959, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5876, 0.2702, 0.2638 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, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 189)  
}
```

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, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 189) }
```

Border

The CSS property to change the border of an element to Yxy 29.5876, 0.2702, 0.2638 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, 145, 189) }
```

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

```
.border{ border-color:rgb(141, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
189) }
```

Background

The CSS property to change the background color of an element to Yxy 29.5876, 0.2702, 0.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 189) }
```

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

```
.background{ background-color: rgb(141,  
145, 189) }
```

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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