

Converting Colors

$Y_{xy}(26.5424, 0.3433, 0.2879)$

Have a look what the booklet for
Yxy(26.5424, 0.3433, 0.2879)
contains.

Yxy(26.5840, 0.3438, 0.2878)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.5840, 0.3438, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	B37D9A
RGB	179, 125, 154
RGB Percent	70%, 49%, 60%
CMY	0.2980, 0.5098, 0.3961
CMYK	0.00, 0.30, 0.14, 0.30
HSL	328°, 26%, 60%
HSV	328°, 30%, 70%
XYZ	31.7567, 26.5840, 34.0290
YIQ	144.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

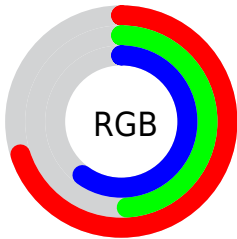
Format	Color
R _Y B	179, 125, 154
Decimal	11763098
CIE Lab	58.59, 25.45, -7.13
CIE LCh	59, 26.433, 344.360
Yxy	26.5840, 0.3438, 0.2878
Android (android.graphics.Color)	4289953178 (0xFFB37D9A)
YUV	144.4520, 4.7072, 30.2986
Hunter-Lab	51.5597, 19.7125, -3.0392

Details

The Yxy color $26.5840, 0.3438, 0.2878$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $38.8030, 0.2903, 0.3744$, and the grayscale version is $28.0561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0570, 0.3374, 0.2962$, and $10.3714, 0.3540, 0.2735$ is the 20% darker color. If you saturate the color by 10%, you get $22.1873, 0.3581, 0.2738$, and if you desaturate by 10%, it is $31.8189, 0.3316, 0.3019$.

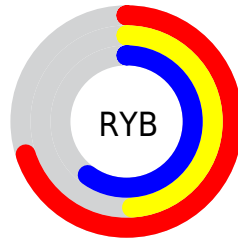
Distribution



Red (70%)

Green (49%)

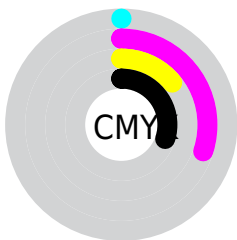
Blue (60%)



Red (70%)

Yellow (49%)

Blue (60%)

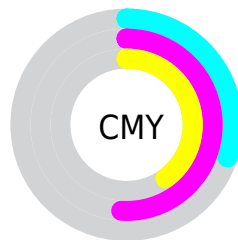


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5840, 0.3438, 0.2878 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 26.5840, 0.3438, 0.2878 by changing the saturation by 10% instead.


 26.5840, 0.3438,
0.2878


 26.5840, 0.3438,
0.2878


285.6372, 0.3271,
0.3097


 17.2610, 0.3484,
0.2819


 54.2156, 0.3375,
0.2961

 10.4208, 0.3545,
0.2741


 73.2930, 0.3352,
0.2991

 5.6788, 0.3632,
0.2631


 96.3907, 0.3333,
0.3016

 2.6508, 0.3763,
0.2467

123.8931, 0.3317,
0.3037

 0.9523, 0.3986,
0.2199

156.1846, 0.3303,
0.3055

 0.0000, 0.5904,
0.0000

193.6495, 0.3291,

 0.0000, 0.0000,

0.3071

0.0000

236.6722, 0.3281,
0.3084

■ 26.5840, 0.3438,
0.2878

■ 26.5840, 0.3438,
0.2878

■ 22.1873, 0.3581,
0.2738

■ 31.8189, 0.3316,
0.3019

■ 18.5809, 0.3748,
0.2606

■ 37.9294, 0.3214,
0.3157

■ 15.7177, 0.3936,
0.2491

■ 44.9548, 0.3128,
0.3288

■ 13.5438, 0.4143,
0.2406

■ 52.9313, 0.3058,
0.3411

■ 11.9981, 0.4363,
0.2362

■ 61.8928, 0.2999,
0.3524

■ 11.0087, 0.4584,
0.2368

■ 71.8717, 0.2950,
0.3629

■ 10.4306, 0.4798,
0.2417

■ 82.8988, 0.2910,
0.3725

■ 86.2872, 0.2869,
0.3678

■ 86.7381, 0.2826,
0.3582

Harmonies

Analogous

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



26.5840, 0.2984, 0.2655



26.5840, 0.3438, 0.2878



26.5840, 0.3825, 0.3198

Triad

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



26.5840, 0.3438, 0.2878



26.5840, 0.3643, 0.4077



26.5840, 0.2316, 0.2923

Complementary

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



26.5840, 0.3438, 0.2878



38.8030, 0.2903, 0.3744

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.



26.5840, 0.2466, 0.3328



26.5840, 0.3438, 0.2878



26.5840, 0.3220, 0.4046

Square

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



26.5840, 0.3438, 0.2878



26.5840, 0.3939, 0.3881



26.5840, 0.2790, 0.3760



26.5840, 0.2363, 0.2659

Rectangle

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



26.5840, 0.3438, 0.2878



26.5840, 0.3978, 0.3437



26.5840, 0.2790, 0.3760



26.5840, 0.2345, 0.3046

Sweetspot

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



26.5852, 0.3438, 0.2878



69.1293, 0.3204, 0.3171



24.3411, 0.2845, 0.2480



14.9384, 0.3218, 0.3151



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.



26.5852, 0.3438, 0.2878



42.3718, 0.3528, 0.2787



25.8028, 0.3756, 0.3252



8.5790, 0.3206, 0.3168



7.3839, 0.4775, 0.2404



0.2440, 0.4227, 0.2102

Inverse Universe

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



26.5852, 0.3438, 0.2878



42.3718, 0.3528, 0.2787



39.7473, 0.2718, 0.3329



8.5790, 0.3206, 0.3168



7.3839, 0.4775, 0.2404



0.2440, 0.4227, 0.2102

Previews

White Background



This preview shows how the Yxy color 26.5840, 0.3438, 0.2878 looks on a white background.

Color Contrast Check

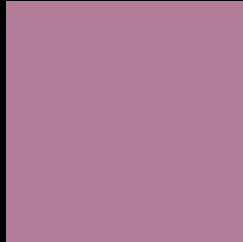
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5840, 0.3438, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

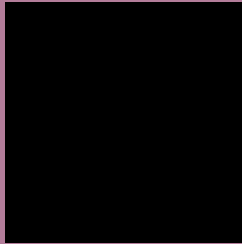
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5840, 0.3438, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 26.5840, 0.3438, 0.2878.



This preview shows how white text looks on a background with the Yxy color 26.5840, 0.3438, 0.2878.

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

26.5840, 0.3438, 0.2878

Protanopia

26.7549, 0.2868, 0.2907

Deuteranopia

26.6423, 0.3116, 0.3054



Tritanopia

26.6204, 0.3596, 0.3145

Trichromacy



Original Color

26.5840, 0.3438, 0.2878

Protanomaly

26.5414, 0.3059, 0.2904

Deuteranomaly

26.6520, 0.3231, 0.2986

Tritanomaly

26.6573, 0.3539, 0.3045

Monochromacy



Original Color

26.5840, 0.3438, 0.2878

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1975, 0.3234, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5840, 0.3438, 0.2878 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(179, 125, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 125, 154)  
}
```

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(179, 125, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 125, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.5840, 0.3438, 0.2878 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(179, 125, 154) }
```

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

```
.border{ border-color:rgb(179, 125, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 125, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 125, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 125, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 125,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5840, 0.3438, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 125, 154) }
```

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

```
.background{ background-color: rgb(179,  
125, 154) }
```

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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