

Converting Colors

$Y_{xy}(27.8917, 0.3180, 0.2549)$

Have a look what the booklet for
Yxy(27.8917, 0.3180, 0.2549)
contains.

Yxy(27.9076, 0.3184, 0.2549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.9076, 0.3184, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	B67DB4
RGB	182, 125, 180
RGB Percent	71%, 49%, 71%
CMY	0.2863, 0.5098, 0.2942
CMYK	0.00, 0.31, 0.01, 0.29
HSL	302°, 28%, 60%
HSV	302°, 31%, 71%
XYZ	34.8599, 27.9076, 46.7170
YIQ	148.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

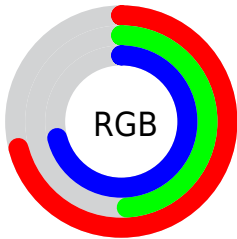
Format	Color
RYB	182, 125, 180
Decimal	11959732
CIELab	59.81, 31.16, -20.15
CIELCh	60, 37.104, 327.111
Yxy	27.9076, 0.3184, 0.2549
Android (android.graphics.Color)	4290149812 (0xFFB67DB4)
YUV	148.3130, 15.6217, 29.5435
Hunter-Lab	52.8276, 25.3401, -15.4525

Details

The Yxy color **27.9076, 0.3184, 0.2549** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.3468, 0.3070, 0.4163**, and the grayscale version is **29.6807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2476, 0.3180, 0.2684**, and **11.1537, 0.3188, 0.2332** is the 20% darker color. If you saturate the color by 10%, you get **23.6888, 0.3204, 0.2321**, and if you desaturate by 10%, it is **32.9733, 0.3165, 0.2787**.

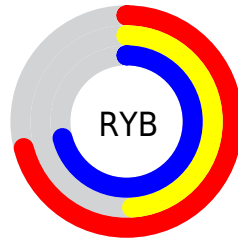
Distribution



Red (71%)

Green (49%)

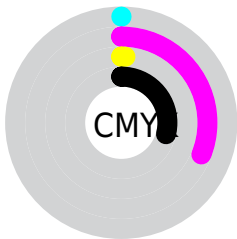
Blue (71%)



Red (71%)

Yellow (49%)

Blue (71%)

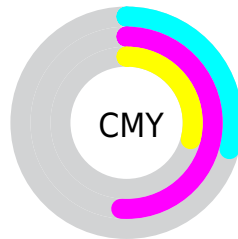


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9076, 0.3184, 0.2549 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 27.9076, 0.3184, 0.2549 by changing the saturation by 10% instead.


 27.9076, 0.3184,
0.2549


 27.9076, 0.3184,
0.2549


292.0251, 0.3162,
0.2927


 18.2560, 0.3187,
0.2453


 56.3369, 0.3178,
0.2688

 11.1340, 0.3189,
0.2328


 75.8834, 0.3175,
0.2740

 6.1570, 0.3188,
0.2161


 99.4970, 0.3173,
0.2783

 2.9408, 0.3179,
0.1926

127.5620, 0.3170,
0.2821

 1.1009, 0.3148,
0.1579

160.4630, 0.3168,
0.2853

 0.0000, 0.3380,
0.0000

198.5842, 0.3166,

 0.0000, 0.0000,

0.2881

0.0000

242.3102, 0.3164,
0.2906

■ 27.9076, 0.3184,
0.2549

■ 27.9076, 0.3184,
0.2549

■ 23.6888, 0.3204,
0.2321

■ 32.9733, 0.3165,
0.2787

■ 20.2669, 0.3224,
0.2112

■ 38.9247, 0.3146,
0.3026

■ 17.5927, 0.3243,
0.1931


■ 45.8030, 0.3129,
0.3260


■ 15.6098, 0.3260,
0.1785


■ 53.6454, 0.3114,
0.3484


■ 14.2539, 0.3276,
0.1681

■ 62.4872, 0.3100,
0.3695


 13.4485, 0.3289,
0.1619

 72.3621, 0.3087,
0.3891

 13.0613, 0.3299,
0.1591

 83.3018, 0.3076,
0.4071

 84.9723, 0.3071,
0.4089

 84.9996, 0.3068,
0.4082

Harmonies

Analogous

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



27.9076, 0.2604, 0.2355



27.9076, 0.3184, 0.2549



27.9076, 0.3805, 0.2900

Triad

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



27.9076, 0.3184, 0.2549



27.9076, 0.4084, 0.4224



27.9076, 0.2119, 0.3069

Complementary

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



27.9076, 0.3184, 0.2549



39.3468, 0.3070, 0.4163

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.



27.9076, 0.2449, 0.3697



27.9076, 0.3184, 0.2549



27.9076, 0.3578, 0.4415

Square

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



27.9076, 0.3184, 0.2549



27.9076, 0.4344, 0.3819



27.9076, 0.2978, 0.4233



27.9076, 0.2038, 0.2595

Rectangle

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



27.9076, 0.3184, 0.2549



27.9076, 0.4133, 0.3192



27.9076, 0.2978, 0.4233



27.9076, 0.2202, 0.3270

Sweetspot

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



27.9088, 0.3184, 0.2549



73.1221, 0.3143, 0.3077



22.5526, 0.2598, 0.2389



15.7695, 0.3145, 0.3043



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.



27.9088, 0.3184, 0.2549



44.8464, 0.3199, 0.2380



26.8685, 0.3501, 0.2916



9.1571, 0.3143, 0.3073



9.2267, 0.3298, 0.1591



0.3270, 0.3273, 0.1577

Inverse Universe

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



27.9088, 0.3184, 0.2549



44.8464, 0.3199, 0.2380



40.1939, 0.2866, 0.3700



9.1571, 0.3143, 0.3073



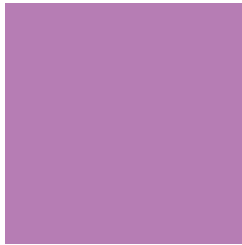
9.2267, 0.3298, 0.1591



0.3270, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 27.9076, 0.3184, 0.2549 looks on a white background.

Color Contrast Check

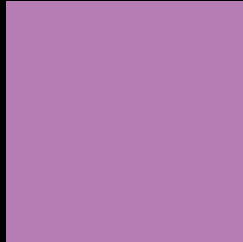
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9076, 0.3184, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

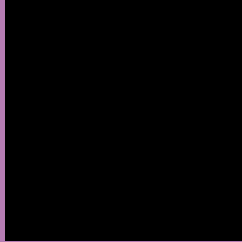
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9076, 0.3184, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 27.9076, 0.3184, 0.2549.



This preview shows how white text looks on a background with the Yxy color 27.9076, 0.3184, 0.2549.

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

27.9076, 0.3184, 0.2549

Protanopia

28.2410, 0.2575, 0.2538

Deuteranopia

27.9749, 0.2803, 0.2741



Tritanopia

27.8026, 0.3538, 0.3146

Trichromacy



Original Color

27.9076, 0.3184, 0.2549

Protanomaly

27.6287, 0.2772, 0.2530

Deuteranomaly

27.7104, 0.2938, 0.2660

Tritanomaly

27.6845, 0.3407, 0.2908

Monochromacy



Original Color

27.9076, 0.3184, 0.2549

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7678, 0.3141, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9076, 0.3184, 0.2549 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(182, 125, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 125, 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(182, 125, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 125, 180) }
```

Border

The CSS property to change the border of an element to Yxy 27.9076, 0.3184, 0.2549 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(182, 125, 180) }
```

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

```
.border{ border-color:rgb(182, 125, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 125, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 125, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 125, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 125,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9076, 0.3184, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 125, 180) }
```

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

```
.background{ background-color: rgb(182,  
125, 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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