

Converting Colors

$Y_{xy}(27.1373, 0.3256, 0.2541)$

Have a look what the booklet for
Yxy(27.1373, 0.3256, 0.2541)
contains.

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Color

Yxy(27.1634, 0.3252, 0.2540)

Conversions

Conversions Part 1

Format	Color
Hex	B979B1
RGB	185, 121, 177
RGB Percent	73%, 47%, 69%
CMY	0.2746, 0.5254, 0.3059
CMYK	0.00, 0.35, 0.04, 0.27
HSL	307°, 31%, 60%
HSV	307°, 35%, 73%
XYZ	34.7777, 27.1634, 45.0014
YIQ	146.5200, 20.1680, 30.9840

Conversions

Conversions Part 2

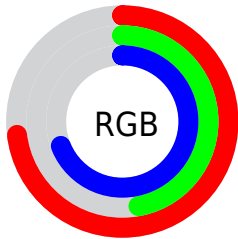
Format	Color
RYB	185, 121, 177
Decimal	12155313
CIELab	59.13, 33.81, -19.45
CIELCh	59, 39.002, 330.086
Yxy	27.1634, 0.3252, 0.2540
Android (android.graphics.Color)	4290345393 (0xFFB979B1)
YUV	146.5200, 15.0266, 33.7470
Hunter-Lab	52.1185, 27.9023, -14.7106

Details

The Yxy color **27.1634, 0.3252, 0.2540** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.3435, 0.3024, 0.4178**, and the grayscale version is **28.9008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0325, 0.3231, 0.2675**, and **10.7870, 0.3288, 0.2326** is the 20% darker color. If you saturate the color by 10%, you get **22.9995, 0.3296, 0.2332**, and if you desaturate by 10%, it is **32.1934, 0.3211, 0.2758**.

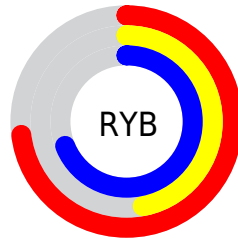
Distribution



Red (73%)

Green (47%)

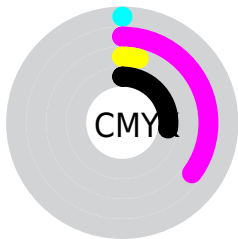
Blue (69%)



Red (73%)

Yellow (47%)

Blue (69%)

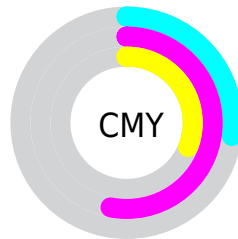


Cyan (0%)

Magenta (35%)

Yellow (4%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1634, 0.3252, 0.2540 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 27.1634, 0.3252, 0.2540 by changing the saturation by 10% instead.


 27.1634, 0.3252,
0.2540


 27.1634, 0.3252,
0.2540


288.4474, 0.3194,
0.2924


 17.6960, 0.3264,
0.2442


 55.1460, 0.3232,
0.2681

 10.7319, 0.3279,
0.2315


 74.4299, 0.3225,
0.2734

 5.8869, 0.3296,
0.2144


 97.7548, 0.3218,
0.2778

 2.7764, 0.3314,
0.1904

125.5050, 0.3212,
0.2816

 1.0162, 0.3324,
0.1548

158.0650, 0.3207,
0.2848

 0.0000, 0.3634,
0.0000

195.8191, 0.3202,

 0.0000, 0.0000,

0.2877

0.0000

239.1518, 0.3198,
0.2902

■ 27.1634, 0.3252,
0.2540

■ 27.1634, 0.3252,
0.2540

■ 22.9995, 0.3296,
0.2332

■ 32.1934, 0.3211,
0.2758

■ 19.6486, 0.3343,
0.2143

■ 38.1314, 0.3174,
0.2978

■ 17.0574, 0.3391,
0.1982


■ 45.0210, 0.3141,
0.3194

■ 15.1649, 0.3439,
0.1858


■ 52.9017, 0.3112,
0.3401


■ 13.9006, 0.3486,
0.1777

■ 61.8109, 0.3087,
0.3596

 13.1791, 0.3529,
0.1740

 71.7842, 0.3065,
0.3777

 12.9168, 0.3552,
0.1730

 82.8553, 0.3047,
0.3945

 85.7947, 0.3034,
0.3963

 85.9004, 0.3021,
0.3936

Harmonies

Analogous

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



27.1634, 0.2627, 0.2318



27.1634, 0.3252, 0.2540



27.1634, 0.3904, 0.2920

Triad

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



27.1634, 0.3252, 0.2540



27.1634, 0.4092, 0.4307



27.1634, 0.2043, 0.2991

Complementary

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



27.1634, 0.3252, 0.2540



40.3435, 0.3024, 0.4178

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.



27.1634, 0.2363, 0.3654



27.1634, 0.3252, 0.2540



27.1634, 0.3538, 0.4487

Square

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



27.1634, 0.3252, 0.2540



27.1634, 0.4403, 0.3889



27.1634, 0.2904, 0.4253



27.1634, 0.1987, 0.2517

Rectangle

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



27.1634, 0.3252, 0.2540



27.1634, 0.4235, 0.3230



27.1634, 0.2904, 0.4253



27.1634, 0.2121, 0.3199

Sweetspot

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



27.1646, 0.3252, 0.2540



73.5435, 0.3159, 0.3074



21.8063, 0.2581, 0.2291



15.4904, 0.3163, 0.3044



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.



27.1646, 0.3252, 0.2540



43.2169, 0.3283, 0.2391



26.0515, 0.3620, 0.2947



9.1429, 0.3156, 0.3092



8.8040, 0.3547, 0.1728



0.3158, 0.3448, 0.1673

Inverse Universe

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



27.1646, 0.3252, 0.2540



43.2169, 0.3283, 0.2391



41.3127, 0.2805, 0.3665



9.1429, 0.3156, 0.3092



8.8040, 0.3547, 0.1728



0.3158, 0.3448, 0.1673

Previews

White Background



This preview shows how the Yxy color 27.1634, 0.3252, 0.2540 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 27.1634, 0.3252, 0.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

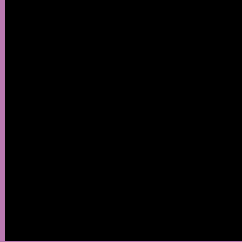
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1634, 0.3252, 0.2540

Background



This preview shows how black text looks on a background with the Yxy color 27.1634, 0.3252, 0.2540.



This preview shows how white text looks on a background with the Yxy color 27.1634, 0.3252, 0.2540.

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

27.1634, 0.3252, 0.2540

Protanopia

27.4005, 0.2569, 0.2529

Deuteranopia

27.4749, 0.2819, 0.2765



Tritanopia

27.2388, 0.3628, 0.3162

Trichromacy



Original Color

27.1634, 0.3252, 0.2540

Protanomaly

26.9849, 0.2787, 0.2525

Deuteranomaly

27.0383, 0.2966, 0.2670

Tritanomaly

27.1338, 0.3494, 0.2924

Monochromacy



Original Color

27.1634, 0.3252, 0.2540

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.2226, 0.3174, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1634, 0.3252, 0.2540 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(185, 121, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 177)  
}
```

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(185, 121, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 177) }
```

Border

The CSS property to change the border of an element to Yxy 27.1634, 0.3252, 0.2540 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(185, 121, 177) }
```

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

```
.border{ border-color:rgb(185, 121, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 177);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1634, 0.3252, 0.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 177) }
```

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

```
.background{ background-color: rgb(185,  
121, 177) }
```

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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