

Converting Colors

$Y_{xy}(27.6498, 0.3024, 0.2315)$

Have a look what the booklet for
Yxy(27.6498, 0.3024, 0.2315)
contains.

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Color

Yxy(27.6054, 0.3024, 0.2313)

Conversions

Conversions Part 1

Format	Color
Hex	B679C4
RGB	182, 121, 196
RGB Percent	71%, 47%, 77%
CMY	0.2863, 0.5255, 0.2314
CMYK	0.07, 0.38, 0.00, 0.23
HSL	289°, 39%, 62%
HSV	289°, 38%, 77%
XYZ	36.0911, 27.6054, 55.6524
YIQ	147.7890, 12.2810, 36.2570

Conversions

Conversions Part 2

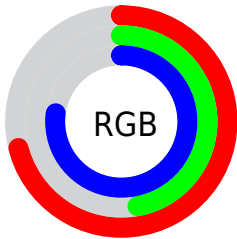
Format	Color
R_{YB}	182, 121, 196
Decimal	11958724
CIE _{Lab}	59.53, 36.51, -29.68
CIE _{LCh}	60, 47.051, 320.885
Yxy	27.6054, 0.3024, 0.2313
Android (android.graphics.Color)	4290148804 (0xFFB679C4)
YUV	147.7890, 23.7680, 30.0030
Hunter-Lab	52.5408, 30.6679, -26.0227

Details

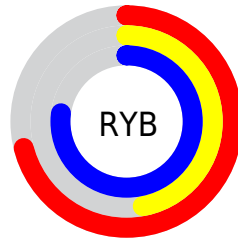
The Yxy color **27.6054, 0.3024, 0.2313** is a light color, and the websafe version is hex **996699**. A complement of this color would be **46.0147, 0.3178, 0.4406**, and the grayscale version is **29.4181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7147, 0.3053, 0.2484**, and **11.0487, 0.2972, 0.2047** is the 20% darker color. If you saturate the color by 10%, you get **22.8765, 0.2985, 0.2063**, and if you desaturate by 10%, it is **33.3161, 0.3058, 0.2573**.

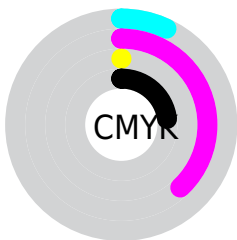
Distribution



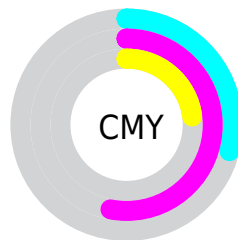
- Red (71%)
- Green (47%)
- Blue (77%)



- Red (71%)
- Yellow (47%)
- Blue (77%)



- Cyan (7%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)




- Cyan (29%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6054, 0.3024, 0.2313 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 27.6054, 0.3024, 0.2313 by changing the saturation by 10% instead.

 27.6054, 0.3024,
0.2313


 27.6054, 0.3024,
0.2313


290.5765, 0.3093,
0.2802


 18.0284, 0.3001,
0.2193


 55.8538, 0.3053,
0.2490

 10.9704, 0.2968,
0.2040


 75.2941, 0.3063,
0.2557

 6.0469, 0.2917,
0.1840


 98.7908, 0.3071,
0.2613

 2.8736, 0.2835,
0.1570

126.7285, 0.3077,
0.2662

 1.0661, 0.2687,
0.1197

159.4915, 0.3082,
0.2704

 0.0000, 0.2557,
0.0000

197.4643, 0.3086,

 0.0000, 0.0000,

0.2740

0.0000

241.0312, 0.3090,
0.2773

■ 27.6054, 0.3024,
0.2313

■ 27.6054, 0.3024,
0.2313

■ 22.8765, 0.2985,
0.2063

■ 33.3161, 0.3058,
0.2573

■ 19.0669, 0.2941,
0.1835

■ 40.0592, 0.3087,
0.2834

■ 16.1121, 0.2895,
0.1637


■ 47.8860, 0.3111,
0.3088


■ 13.9379, 0.2846,
0.1479


■ 56.8433, 0.3130,
0.3331


■ 12.4574, 0.2796,
0.1365

■ 66.9751, 0.3145,
0.3559


 11.5352, 0.2747,
0.1293

 78.3233, 0.3157,
0.3769

 11.3958, 0.2738,
0.1282

 88.8615, 0.3168,
0.3930

 89.3972, 0.3191,
0.3926

 89.9453, 0.3214,
0.3921

Harmonies

Analogous

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



27.6054, 0.2346, 0.2123



27.6054, 0.3024, 0.2313



27.6054, 0.3828, 0.2699

Triad

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



27.6054, 0.3024, 0.2313



27.6054, 0.4409, 0.4334



27.6054, 0.1934, 0.3143

Complementary

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



27.6054, 0.3024, 0.2313



46.0147, 0.3178, 0.4406

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.



27.6054, 0.2385, 0.3982



27.6054, 0.3024, 0.2313



27.6054, 0.3812, 0.4700

Square

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



27.6054, 0.3024, 0.2313



27.6054, 0.4676, 0.3787



27.6054, 0.3071, 0.4616



27.6054, 0.1784, 0.2501

Rectangle

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



27.6054, 0.3024, 0.2313



27.6054, 0.4294, 0.3034



27.6054, 0.3071, 0.4616



27.6054, 0.2051, 0.3416

Sweetspot

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



27.6066, 0.3024, 0.2313



82.4104, 0.3104, 0.3015



25.6617, 0.2466, 0.2374



17.2131, 0.3101, 0.2981



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.6066, 0.3024, 0.2313



42.6487, 0.2991, 0.2101



28.4498, 0.3413, 0.2611



10.1493, 0.3109, 0.3061



7.3570, 0.2745, 0.1286



0.3431, 0.2855, 0.1346

Inverse Universe

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



27.1629, 0.3882, 0.3104



41.8756, 0.4142, 0.3064



45.5456, 0.2928, 0.4087



10.1080, 0.3260, 0.3247



7.6346, 0.6087, 0.3127



0.3394, 0.5487, 0.2797

Previews

White Background



This preview shows how the Yxy color 27.6054, 0.3024, 0.2313 looks on a white background.

Color Contrast Check

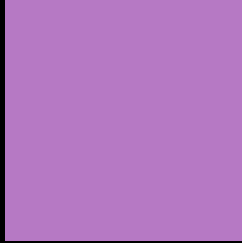
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6054, 0.3024, 0.2313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

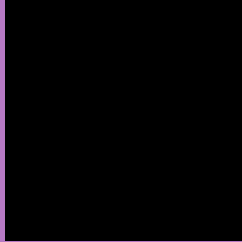
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6054, 0.3024, 0.2313

Background



This preview shows how black text looks on a background with the Yxy color 27.6054, 0.3024, 0.2313.



This preview shows how white text looks on a background with the Yxy color 27.6054, 0.3024, 0.2313.

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

27.6054, 0.3024, 0.2313

Protanopia

27.7963, 0.2369, 0.2259

Deuteranopia

27.9771, 0.2588, 0.2537



Tritanopia

27.4542, 0.3503, 0.3144

Trichromacy



Original Color

27.6054, 0.3024, 0.2313

Protanomaly

27.3461, 0.2575, 0.2272

Deuteranomaly

27.3845, 0.2738, 0.2440

Tritanomaly

27.3941, 0.3319, 0.2809

Monochromacy



Original Color

27.6054, 0.3024, 0.2313

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.3672, 0.3093, 0.2888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6054, 0.3024, 0.2313 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, 121, 196)` looks like.

```
.text, #text, p{  
    color:rgb(182, 121, 196)  
}
```

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, 121, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 121, 196) }
```

Border

The CSS property to change the border of an element to Yxy 27.6054, 0.3024, 0.2313 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, 121, 196) }
```

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

```
.border{ border-color:rgb(182, 121, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 121, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 121, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 121, 196);  
box-shadow:4px 4px 4px 4px rgb(182, 121,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6054, 0.3024, 0.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 121, 196) }
```

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

```
.background{ background-color: rgb(182,  
121, 196) }
```

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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