

Converting Colors

$Y_{xy}(26.1192, 0.3076, 0.2303)$

Have a look what the booklet for
Yxy(26.1192, 0.3076, 0.2303)
contains.

Yxy(26.1975, 0.3075, 0.2305)	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(26.1975, 0.3075, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	B674BF
RGB	182, 116, 191
RGB Percent	71%, 45%, 75%
CMY	0.2861, 0.5452, 0.2510
CMYK	0.05, 0.39, 0.00, 0.25
HSL	293°, 37%, 60%
HSV	293°, 39%, 75%
XYZ	34.9489, 26.1975, 52.5087
YIQ	144.2840, 15.2610, 37.3170

Conversions

Conversions Part 2

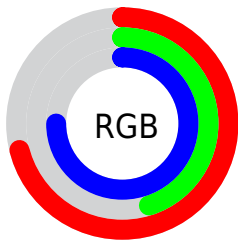
Format	Color
R_{YB}	182, 116, 191
Decimal	11957439
CIE _{Lab}	58.22, 38.28, -28.87
CIE _{LCh}	58, 47.941, 322.978
Yxy	26.1975, 0.3075, 0.2305
Android (android.graphics.Color)	4290147519 (0xFFB674BF)
YUV	144.2840, 23.0310, 33.0769
Hunter-Lab	51.1835, 32.3117, -24.9966

Details

The Yxy color **26.1975, 0.3075, 0.2305** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.8810, 0.3139, 0.4452**, and the grayscale version is **27.9117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5040, 0.3091, 0.2479**, and **10.2918, 0.3043, 0.2038** is the 20% darker color. If you saturate the color by 10%, you get **21.9639, 0.3054, 0.2068**, and if you desaturate by 10%, it is **31.3431, 0.3093, 0.2556**.

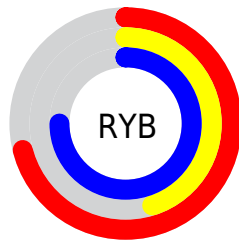
Distribution



Red (71%)

Green (45%)

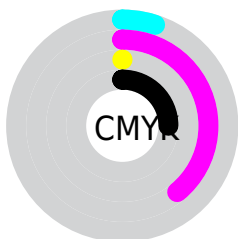
Blue (75%)



Red (71%)

Yellow (45%)

Blue (75%)

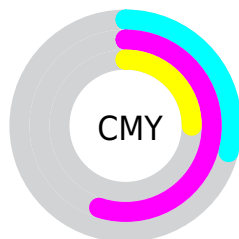


Cyan (5%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (55%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1975, 0.3075, 0.2305 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 26.1975, 0.3075, 0.2305 by changing the saturation by 10% instead.


 26.1975, 0.3075,
0.2305


 26.1975, 0.3075,
0.2305


283.7502, 0.3118,
0.2801


 16.9715, 0.3058,
0.2182


 53.5934, 0.3095,
0.2485

 10.2141, 0.3033,
0.2025


 72.5320, 0.3101,
0.2553

 5.5412, 0.2993,
0.1819


 95.4770, 0.3106,
0.2610

 2.5681, 0.2924,
0.1540

122.8126, 0.3109,
0.2659

 0.9107, 0.2791,
0.1150

154.9234, 0.3112,
0.2702

 0.0000, 0.2652,
0.0000

192.1936, 0.3115,

 0.0000, 0.0000,

0.2739

0.0000

235.0078, 0.3116,
0.2772

■ 26.1975, 0.3075,
0.2305

■ 26.1975, 0.3075,
0.2305

■ 21.9639, 0.3054,
0.2068

■ 31.3431, 0.3093,
0.2556

■ 18.5830, 0.3029,
0.1854

■ 37.4486, 0.3108,
0.2812

■ 15.9939, 0.3001,
0.1674


■ 44.5622, 0.3119,
0.3064

■ 14.1260, 0.2972,
0.1534


■ 52.7283, 0.3128,
0.3307


■ 12.8963, 0.2942,
0.1438

■ 61.9884, 0.3134,
0.3537


 12.1555, 0.2911,
0.1380

 72.3817, 0.3138,
0.3750

 12.1076, 0.2909,
0.1376

 83.9458, 0.3140,
0.3947

 87.6024, 0.3150,
0.3996

 87.9196, 0.3164,
0.3993

Harmonies

Analogous

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



26.1975, 0.2360, 0.2094



26.1975, 0.3075, 0.2305



26.1975, 0.3909, 0.2713

Triad

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



26.1975, 0.3075, 0.2305



26.1975, 0.4414, 0.4398



26.1975, 0.1874, 0.3078

Complementary

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



26.1975, 0.3075, 0.2305



42.8810, 0.3139, 0.4452

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.



26.1975, 0.2315, 0.3949



26.1975, 0.3075, 0.2305



26.1975, 0.3778, 0.4763

Square

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



26.1975, 0.3075, 0.2305



26.1975, 0.4725, 0.3836



26.1975, 0.3010, 0.4642



26.1975, 0.1744, 0.2437

Rectangle

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



26.1975, 0.3075, 0.2305



26.1975, 0.4379, 0.3061



26.1975, 0.3010, 0.4642



26.1975, 0.1987, 0.3356

Sweetspot

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



26.1986, 0.3075, 0.2305



75.9059, 0.3116, 0.2992



22.3911, 0.2436, 0.2266



16.2910, 0.3115, 0.2958



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.1986, 0.3075, 0.2305



40.3968, 0.3057, 0.2103



26.2257, 0.3482, 0.2656



9.6369, 0.3119, 0.3063



7.9794, 0.2913, 0.1378



0.3291, 0.2989, 0.1420

Inverse Universe

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



25.0427, 0.3977, 0.3169



38.1399, 0.4265, 0.3145



42.9745, 0.2890, 0.4029



9.5544, 0.3270, 0.3263



7.3259, 0.6234, 0.3208



0.2931, 0.5745, 0.2938

Previews

White Background



This preview shows how the Yxy color 26.1975, 0.3075, 0.2305 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 26.1975, 0.3075, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

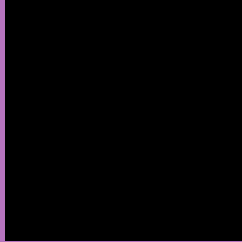
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1975, 0.3075, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 26.1975, 0.3075, 0.2305.



This preview shows how white text looks on a background with the Yxy color 26.1975, 0.3075, 0.2305.

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

26.1975, 0.3075, 0.2305

Protanopia

26.4934, 0.2351, 0.2240

Deuteranopia

26.3540, 0.2592, 0.2534



Tritanopia

26.0988, 0.3588, 0.3144

Trichromacy



Original Color

26.1975, 0.3075, 0.2305

Protanomaly

25.8050, 0.2571, 0.2252

Deuteranomaly

25.8920, 0.2756, 0.2438

Tritanomaly

26.0652, 0.3395, 0.2807

Monochromacy



Original Color

26.1975, 0.3075, 0.2305

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8925, 0.3114, 0.2881

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1975, 0.3075, 0.2305 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, 116, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 116, 191)  
}
```

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, 116, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 116, 191) }
```

Border

The CSS property to change the border of an element to Yxy 26.1975, 0.3075, 0.2305 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, 116, 191) }
```

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

```
.border{ border-color:rgb(182, 116, 191) }
```

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

Here you see how a box with a 4 pixel rgb(182, 116, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 116, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 116, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 116,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1975, 0.3075, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 116, 191) }
```

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

```
.background{ background-color: rgb(182,  
116, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor