

Converting Colors

$Y_{xy}(26.6040, 0.3347, 0.2756)$

Have a look what the booklet for
Yxy(26.6040, 0.3347, 0.2756)
contains.

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Color

Yxy(26.6076, 0.3348, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	B37CA2
RGB	179, 124, 162
RGB Percent	70%, 49%, 64%
CMY	0.2980, 0.5137, 0.3647
CMYK	0.00, 0.31, 0.10, 0.30
HSL	319°, 27%, 59%
HSV	319°, 31%, 70%
XYZ	32.3230, 26.6076, 37.6136
YIQ	144.7770, 20.5820, 23.4780

Conversions

Conversions Part 2

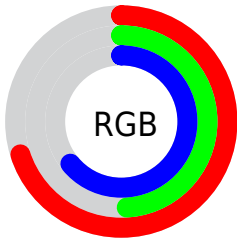
Format	Color
R _{YB}	179, 124, 162
Decimal	11762850
CIE Lab	58.61, 27.41, -11.70
CIE LCh	59, 29.801, 336.892
Yxy	26.6076, 0.3348, 0.2756
Android (android.graphics.Color)	4289952930 (0xFFB37CA2)
YUV	144.7770, 8.4909, 30.0136
Hunter-Lab	51.5826, 21.5834, -7.1261

Details

The Yxy color **26.6076, 0.3348, 0.2756** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.4571, 0.2960, 0.3893**, and the grayscale version is **28.1796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1162, 0.3300, 0.2857**, and **10.3833, 0.3418, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **22.3293, 0.3444, 0.2581**, and if you desaturate by 10%, it is **31.7115, 0.3264, 0.2934**.

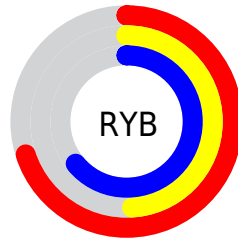
Distribution



Red (70%)

Green (49%)

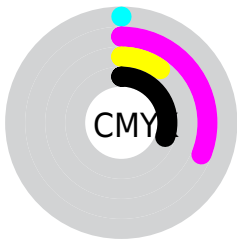
Blue (64%)



Red (70%)

Yellow (49%)

Blue (64%)

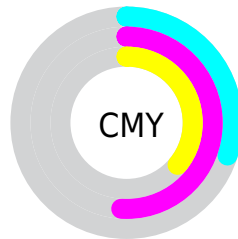


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6076, 0.3348, 0.2756 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 26.6076, 0.3348, 0.2756 by changing the saturation by 10% instead.


 26.6076, 0.3348,
0.2756


 26.6076, 0.3348,
0.2756


285.7521, 0.3233,
0.3036


 17.2787, 0.3378,
0.2682


 54.2535, 0.3305,
0.2861

 10.4334, 0.3418,
0.2584


 73.3394, 0.3289,
0.2899

 5.6873, 0.3472,
0.2449


 96.4464, 0.3276,
0.2931

 2.6559, 0.3551,
0.2253

123.9589, 0.3265,
0.2959

 0.9548, 0.3675,
0.1940

156.2614, 0.3255,
0.2982

 0.0000, 0.4457,
0.0000

193.7381, 0.3247,

 0.0000, 0.0000,

0.3002

0.0000

236.7736, 0.3239,
0.3020

■ 26.6076, 0.3348,
0.2756

■ 26.6076, 0.3348,
0.2756

■ 22.3293, 0.3444,
0.2581

■ 31.7115, 0.3264,
0.2934

■ 18.8288, 0.3552,
0.2416

■ 37.6782, 0.3192,
0.3110

■ 16.0589, 0.3671,
0.2272


■ 44.5472, 0.3131,
0.3278


■ 13.9658, 0.3798,
0.2159

■ 52.3544, 0.3080,
0.3437

■ 12.4880, 0.3929,
0.2087

■ 61.1335, 0.3036,
0.3585


 11.5532, 0.4059,
0.2063

 70.9169, 0.3000,
0.3722

 11.0324, 0.4179,
0.2076

 81.7352, 0.2970,
0.3848

 85.5773, 0.2942,
0.3842

 85.8517, 0.2913,
0.3776

Harmonies

Analogous

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



26.6076, 0.2844, 0.2544



26.6076, 0.3348, 0.2756



26.6076, 0.3822, 0.3088

Triad

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



26.6076, 0.3348, 0.2756



26.6076, 0.3804, 0.4139



26.6076, 0.2243, 0.2973

Complementary

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



26.6076, 0.3348, 0.2756



38.4571, 0.2960, 0.3893

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.



26.6076, 0.2459, 0.3456



26.6076, 0.3348, 0.2756



26.6076, 0.3350, 0.4185

Square

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



26.6076, 0.3348, 0.2756



26.6076, 0.4087, 0.3863



26.6076, 0.2858, 0.3928



26.6076, 0.2242, 0.2636

Rectangle

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



26.6076, 0.3348, 0.2756



26.6076, 0.4038, 0.3348



26.6076, 0.2858, 0.3928



26.6076, 0.2292, 0.3123

Sweetspot

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



26.6088, 0.3348, 0.2756



69.3034, 0.3182, 0.3137



23.2887, 0.2754, 0.2444



14.9827, 0.3191, 0.3112



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.



26.6088, 0.3348, 0.2756



42.2125, 0.3413, 0.2635



25.7495, 0.3670, 0.3132



8.6011, 0.3183, 0.3134



7.8060, 0.4164, 0.2068



0.2555, 0.3840, 0.1889

Inverse Universe

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



26.6088, 0.3348, 0.2756



42.2125, 0.3413, 0.2635



39.3612, 0.2767, 0.3457



8.6011, 0.3183, 0.3134



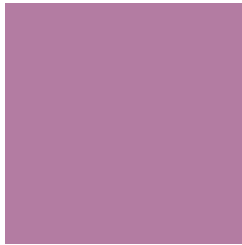
7.8060, 0.4164, 0.2068



0.2555, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 26.6076, 0.3348, 0.2756 looks on a white background.

Color Contrast Check

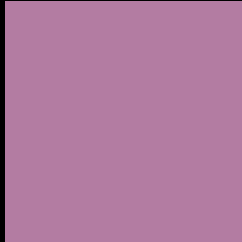
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6076, 0.3348, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

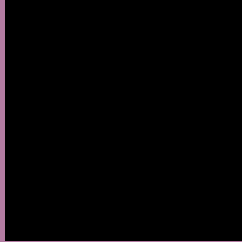
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6076, 0.3348, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 26.6076, 0.3348, 0.2756.



This preview shows how white text looks on a background with the Yxy color 26.6076, 0.3348, 0.2756.

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

26.6076, 0.3348, 0.2756

Protanopia

26.8416, 0.2761, 0.2770

Deuteranopia

26.7912, 0.3005, 0.2959



Tritanopia

26.5034, 0.3584, 0.3145

Trichromacy



Original Color

26.6076, 0.3348, 0.2756

Protanomaly

26.3988, 0.2950, 0.2755

Deuteranomaly

26.5822, 0.3124, 0.2880

Tritanomaly

26.6324, 0.3492, 0.3001

Monochromacy



Original Color

26.6076, 0.3348, 0.2756

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2938, 0.3203, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6076, 0.3348, 0.2756 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, 124, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 124, 162)  
}
```

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, 124, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 124, 162) }
```

Border

The CSS property to change the border of an element to Yxy 26.6076, 0.3348, 0.2756 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, 124, 162) }
```

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

```
.border{ border-color:rgb(179, 124, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 124, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 124, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 124, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 124,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6076, 0.3348, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 124, 162) }
```

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

```
.background{ background-color: rgb(179,  
124, 162) }
```

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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