

Converting Colors

$Y_{xy}(26.7170, 0.33380, 0.2742)$

Have a look what the booklet for
Yxy(26.7170, 0.3380, 0.2742)
contains.

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Color

Yxy(26.7196, 0.3384, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	B67BA2
RGB	182, 123, 162
RGB Percent	71%, 48%, 64%
CMY	0.2861, 0.5177, 0.3647
CMYK	0.00, 0.32, 0.11, 0.29
HSL	320°, 29%, 60%
HSV	320°, 32%, 71%
XYZ	32.9036, 26.7196, 37.6097
YIQ	145.0870, 22.6450, 24.6370

Conversions

Conversions Part 2

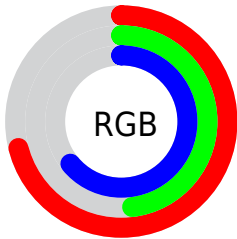
Format	Color
R_{YB}	182, 123, 162
Decimal	11959202
CIE _{Lab}	58.71, 29.04, -11.51
CIE _{LCh}	59, 31.235, 338.376
Yxy	26.7196, 0.3384, 0.2748
Android (android.graphics.Color)	4290149282 (0xFFB67BA2)
YUV	145.0870, 8.3381, 32.3727
Hunter-Lab	51.6910, 23.1639, -6.9549

Details

The Yxy color **26.7196, 0.3384, 0.2748** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.6660, 0.2939, 0.3904**, and the grayscale version is **28.3121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4111, 0.3335, 0.2851**, and **10.4801, 0.3472, 0.2581** is the 20% darker color. If you saturate the color by 10%, you get **22.4030, 0.3492, 0.2580**, and if you desaturate by 10%, it is **31.8892, 0.3290, 0.2920**.

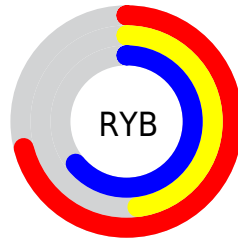
Distribution



Red (71%)

Green (48%)

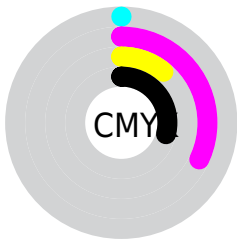
Blue (64%)



Red (71%)

Yellow (48%)

Blue (64%)

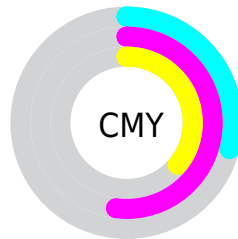


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7196, 0.3384, 0.2748 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 26.7196, 0.3384, 0.2748 by changing the saturation by 10% instead.


 26.7196, 0.3384,
0.2748


 26.7196, 0.3384,
0.2748


286.2969, 0.3250,
0.3032


 17.3627, 0.3420,
0.2673


 54.4336, 0.3334,
0.2854

 10.4935, 0.3466,
0.2574


 73.5595, 0.3315,
0.2893

 5.7273, 0.3531,
0.2438


 96.7106, 0.3300,
0.2926

 2.6800, 0.3625,
0.2240

124.2712, 0.3287,
0.2953

 0.9671, 0.3774,
0.1927

156.6257, 0.3276,
0.2977

 0.0000, 0.4688,
0.0000

194.1586, 0.3266,

 0.0000, 0.0000,

0.2998

0.0000

237.2542, 0.3257,
0.3016

■ 26.7196, 0.3384,
0.2748

■ 26.7196, 0.3384,
0.2748

■ 22.4030, 0.3492,
0.2580

■ 31.8892, 0.3290,
0.2920

■ 18.8889, 0.3613,
0.2424

■ 37.9512, 0.3210,
0.3089

■ 16.1273, 0.3747,
0.2290

■ 44.9472, 0.3142,
0.3252


■ 14.0607, 0.3890,
0.2189


■ 52.9150, 0.3085,
0.3405

■ 12.6235, 0.4038,
0.2131


■ 61.8901, 0.3037,
0.3549


 11.7374, 0.4185,
0.2121

 71.9066, 0.2997,
0.3682

 11.3133, 0.4295,
0.2140

 82.9966, 0.2964,
0.3804

 86.1936, 0.2932,
0.3779

 86.5101, 0.2900,
0.3707

Harmonies

Analogous

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



26.7196, 0.2855, 0.2520



26.7196, 0.3384, 0.2748



26.7196, 0.3875, 0.3097

Triad

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



26.7196, 0.3384, 0.2748



26.7196, 0.3812, 0.4186



26.7196, 0.2200, 0.2934

Complementary

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



26.7196, 0.3384, 0.2748



39.6660, 0.2939, 0.3904

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.



26.7196, 0.2413, 0.3436



26.7196, 0.3384, 0.2748



26.7196, 0.3332, 0.4224

Square

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



26.7196, 0.3384, 0.2748



26.7196, 0.4122, 0.3903



26.7196, 0.2820, 0.3940



26.7196, 0.2210, 0.2594

Rectangle

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



26.7196, 0.3384, 0.2748



26.7196, 0.4092, 0.3368



26.7196, 0.2820, 0.3940



26.7196, 0.2246, 0.3089

Sweetspot

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



26.7208, 0.3384, 0.2748



71.5011, 0.3194, 0.3126



23.3510, 0.2748, 0.2394



15.4183, 0.3204, 0.3103



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.



26.7208, 0.3384, 0.2748



42.6234, 0.3460, 0.2626



25.8005, 0.3737, 0.3150



9.1096, 0.3188, 0.3140



7.9982, 0.4279, 0.2131



0.2930, 0.3939, 0.1944

Inverse Universe

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



26.7208, 0.3384, 0.2748



42.6234, 0.3460, 0.2626



40.6686, 0.2736, 0.3437



9.1096, 0.3188, 0.3140



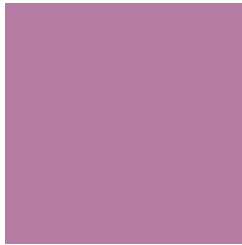
7.9982, 0.4279, 0.2131



0.2930, 0.3939, 0.1944

Previews

White Background



This preview shows how the Yxy color 26.7196, 0.3384, 0.2748 looks on a white background.

Color Contrast Check

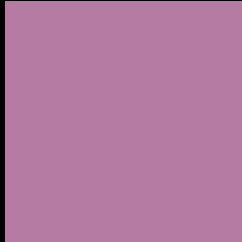
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7196, 0.3384, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

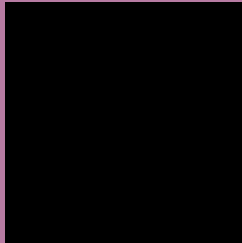
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7196, 0.3384, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 26.7196, 0.3384, 0.2748.



This preview shows how white text looks on a background with the Yxy color 26.7196, 0.3384, 0.2748.

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

26.7196, 0.3384, 0.2748

Protanopia

26.8805, 0.2752, 0.2756

Deuteranopia

26.8832, 0.3015, 0.2960



Tritanopia

26.8282, 0.3632, 0.3161

Trichromacy



Original Color

26.7196, 0.3384, 0.2748

Protanomaly

26.5318, 0.2951, 0.2743

Deuteranomaly

26.7867, 0.3146, 0.2883

Tritanomaly

26.7003, 0.3542, 0.3005

Monochromacy



Original Color

26.7196, 0.3384, 0.2748

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3948, 0.3214, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7196, 0.3384, 0.2748 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, 123, 162)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 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(182, 123, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 162) }
```

Border

The CSS property to change the border of an element to Yxy 26.7196, 0.3384, 0.2748 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, 123, 162) }
```

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

```
.border{ border-color:rgb(182, 123, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 162);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7196, 0.3384, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 162) }
```

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

```
.background{ background-color: rgb(182,  
123, 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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