

Converting Colors

$Y_{xy}(26.0375, 0.3319, 0.2745)$

Have a look what the booklet for
Yxy(26.0375, 0.3319, 0.2745)
contains.

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Color

Yxy(26.0047, 0.3315, 0.2736)

Conversions

Conversions Part 1

Format	Color
Hex	B07BA2
RGB	176, 123, 162
RGB Percent	69%, 48%, 64%
CMY	0.3098, 0.5176, 0.3648
CMYK	0.00, 0.30, 0.08, 0.31
HSL	316°, 25%, 59%
HSV	316°, 30%, 69%
XYZ	31.5079, 26.0047, 37.5338
YIQ	143.2930, 19.0690, 23.3650

Conversions

Conversions Part 2

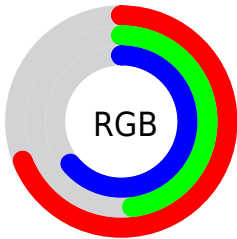
Format	Color
RYB	176, 123, 162
Decimal	11565986
CIELab	58.04, 26.90, -12.58
CIELCh	58, 29.693, 334.943
Yxy	26.0047, 0.3315, 0.2736
Android (android.graphics.Color)	4289756066 (0xFFB07BA2)
YUV	143.2930, 9.2226, 28.6840
Hunter-Lab	50.9948, 21.0479, -7.9430

Details

The Yxy color **26.0047, 0.3315, 0.2736** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.0691, 0.2981, 0.3918**, and the grayscale version is **27.5486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2162, 0.3276, 0.2842**, and **10.1018, 0.3387, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **21.8620, 0.3397, 0.2551**, and if you desaturate by 10%, it is **30.9409, 0.3243, 0.2924**.

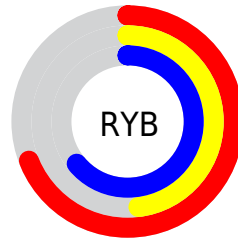
Distribution



Red (69%)

Green (48%)

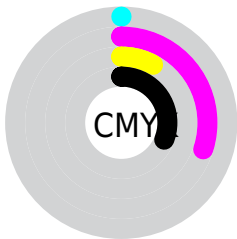
Blue (64%)



Red (69%)

Yellow (48%)

Blue (64%)

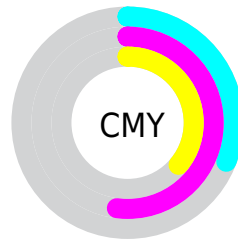


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0047, 0.3315, 0.2736 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 26.0047, 0.3315, 0.2736 by changing the saturation by 10% instead.


 26.0047, 0.3315,
0.2736


 26.0047, 0.3315,
0.2736


282.8051, 0.3218,
0.3027


 16.8272, 0.3340,
0.2659

 53.2825, 0.3279,
0.2845

 10.1113, 0.3373,
0.2557


 72.1516, 0.3266,
0.2885

 5.4728, 0.3418,
0.2416


 95.0200, 0.3255,
0.2918

 2.5273, 0.3481,
0.2210

122.2720, 0.3245,
0.2947

 0.8902, 0.3577,
0.1883

154.2922, 0.3237,
0.2971

 0.0000, 0.4120,
0.0000

191.4648, 0.3230,

 0.0000, 0.0000,

0.2992

0.0000

234.1744, 0.3223,
0.3011

■ 26.0047, 0.3315,
0.2736

■ 26.0047, 0.3315,
0.2736

■ 21.8620, 0.3397,
0.2551

■ 30.9409, 0.3243,
0.2924

■ 18.4671, 0.3488,
0.2377

■ 36.7060, 0.3181,
0.3110

■ 15.7752, 0.3587,
0.2223

■ 43.3378, 0.3128,
0.3288


■ 13.7349, 0.3692,
0.2100

■ 50.8703, 0.3083,
0.3457

■ 12.2883, 0.3800,
0.2018

■ 59.3359, 0.3044,
0.3614


 11.3666, 0.3908,
0.1981

 68.7655, 0.3013,
0.3760

 10.8272, 0.4011,
0.1983

 79.1884, 0.2986,
0.3894

 84.8841, 0.2962,
0.3929

 85.1040, 0.2938,
0.3873

Harmonies

Analogous

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



26.0047, 0.2813, 0.2533



26.0047, 0.3315, 0.2736



26.0047, 0.3798, 0.3063

Triad

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



26.0047, 0.3315, 0.2736



26.0047, 0.3831, 0.4130



26.0047, 0.2247, 0.3000

Complementary

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



26.0047, 0.3315, 0.2736



37.0691, 0.2981, 0.3918

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.



26.0047, 0.2477, 0.3490



26.0047, 0.3315, 0.2736



26.0047, 0.3383, 0.4195

Square

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



26.0047, 0.3315, 0.2736



26.0047, 0.4101, 0.3842



26.0047, 0.2888, 0.3956



26.0047, 0.2232, 0.2649

Rectangle

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



26.0047, 0.3315, 0.2736



26.0047, 0.4025, 0.3321



26.0047, 0.2888, 0.3956



26.0047, 0.2301, 0.3153

Sweetspot

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



26.0059, 0.3315, 0.2736



67.6491, 0.3175, 0.3127



22.5578, 0.2737, 0.2458



14.3125, 0.3184, 0.3101



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.0059, 0.3315, 0.2736



42.1073, 0.3367, 0.2614



25.1826, 0.3621, 0.3096



8.6076, 0.3176, 0.3124



7.9541, 0.4001, 0.1978



0.2593, 0.3736, 0.1832

Inverse Universe

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



26.0059, 0.3315, 0.2736



42.1073, 0.3367, 0.2614



37.8978, 0.2793, 0.3495



8.6076, 0.3176, 0.3124



7.9541, 0.4001, 0.1978



0.2593, 0.3736, 0.1832

Previews

White Background



This preview shows how the Yxy color 26.0047, 0.3315, 0.2736 looks on a white background.

Color Contrast Check

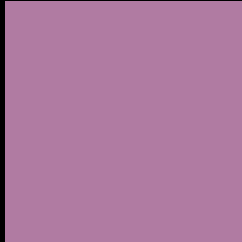
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0047, 0.3315, 0.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

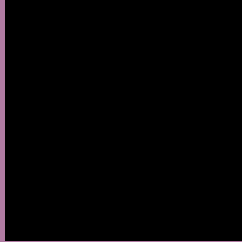
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0047, 0.3315, 0.2736

Background



This preview shows how black text looks on a background with the Yxy color 26.0047, 0.3315, 0.2736.



This preview shows how white text looks on a background with the Yxy color 26.0047, 0.3315, 0.2736.

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

26.0047, 0.3315, 0.2736

Protanopia

26.0610, 0.2748, 0.2749

Deuteranopia

26.0757, 0.2974, 0.2910



Tritanopia

26.1287, 0.3561, 0.3157

Trichromacy



Original Color

26.0047, 0.3315, 0.2736

Protanomaly

25.8981, 0.2939, 0.2751

Deuteranomaly

25.8737, 0.3093, 0.2832

Tritanomaly

25.9957, 0.3471, 0.2997

Monochromacy



Original Color

26.0047, 0.3315, 0.2736

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7789, 0.3193, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0047, 0.3315, 0.2736 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(176, 123, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 123, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 162) }
```

Border

The CSS property to change the border of an element to Yxy 26.0047, 0.3315, 0.2736 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(176, 123, 162) }
```

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

```
.border{ border-color:rgb(176, 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(176, 123, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0047, 0.3315, 0.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 162) }
```

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

```
.background{ background-color: rgb(176,  
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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