

Converting Colors

$Y_{xy}(26.7546, 0.3658, 0.3247)$

Have a look what the booklet for
Yxy(26.7546, 0.3658, 0.3247)
contains.

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Color

Yxy(26.7136, 0.3665, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	B18184
RGB	177, 129, 132
RGB Percent	69%, 51%, 52%
CMY	0.3059, 0.4941, 0.4824
CMYK	0.00, 0.27, 0.25, 0.31
HSL	356°, 24%, 60%
HSV	356°, 27%, 69%
XYZ	30.1433, 26.7136, 25.3894
YIQ	143.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

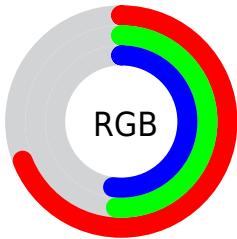
Format	Color
RYB	177, 129, 132
Decimal	11633028
CIELab	58.71, 18.96, 5.71
CIELCh	59, 19.795, 16.755
Yxy	26.7136, 0.3665, 0.3248
Android (android.graphics.Color)	4289823108 (0xFFB18184)
YUV	143.6940, -5.7651, 29.2094
Hunter-Lab	51.6852, 13.6537, 7.0545

Details

The Yxy color **26.7136, 0.3665, 0.3248** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1644, 0.2759, 0.3333**, and the grayscale version is **27.7758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2823, 0.3546, 0.3258**, and **10.4275, 0.3855, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **22.0296, 0.3956, 0.3232**, and if you desaturate by 10%, it is **32.2801, 0.3429, 0.3264**.

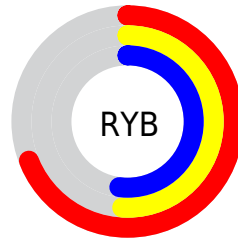
Distribution



Red (69%)

Green (51%)

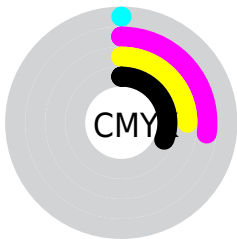
Blue (52%)



Red (69%)

Yellow (51%)

Blue (52%)

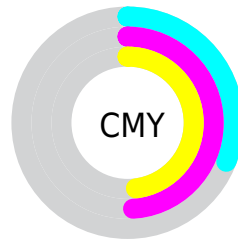


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7136, 0.3665, 0.3248 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 26.7136, 0.3665, 0.3248 by changing the saturation by 10% instead.


 26.7136, 0.3665,
0.3248

 26.7136, 0.3665,
0.3248


286.2677, 0.3369,
0.3275

 17.3582, 0.3749,
0.3238


 54.4239, 0.3550,
0.3260

 10.4902, 0.3865,
0.3224


 73.5477, 0.3509,
0.3264

 5.7252, 0.4032,
0.3201


 96.6964, 0.3476,
0.3267

 2.6787, 0.4295,
0.3159

124.2545, 0.3448,
0.3269

 0.9664, 0.4815,
0.3099

156.6062, 0.3424,
0.3271

 0.0000, 1.0000,
0.0000


194.1361, 0.3403,


 0.0000, 0.0000,


0.3273


0.0000


237.2285, 0.3385,
0.3274


 26.7136, 0.3665,
0.3248


 26.7136, 0.3665,
0.3248


 22.0296, 0.3956,
0.3232


 32.2801, 0.3429,
0.3264


 18.1792, 0.4308,
0.3218


 38.7671, 0.3239,
0.3280


 15.1147, 0.4720,
0.3208

 46.2150, 0.3086,
0.3294

 12.7819, 0.5172,
0.3206

 54.6607, 0.2963,
0.3307

 11.1198, 0.5624,
0.3214

 64.1392, 0.2864,
0.3319

■ 10.0575, 0.6011,
0.3234

■ 74.6837, 0.2783,
0.3330

■ 9.4935, 0.6276,
0.3260

■ 86.3259, 0.2716,
0.3340

■ 9.3697, 0.6332,
0.3262

■ 88.0857, 0.2686,
0.3289

Harmonies

Analogous

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



26.7136, 0.3388, 0.2995



26.7136, 0.3665, 0.3248



26.7136, 0.3790, 0.3523

Triad

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



26.7136, 0.3665, 0.3248



26.7136, 0.3176, 0.3834



26.7136, 0.2555, 0.2805

Complementary

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



26.7136, 0.3665, 0.3248



39.1644, 0.2759, 0.3333

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.



26.7136, 0.2507, 0.3001



26.7136, 0.3665, 0.3248



26.7136, 0.2854, 0.3613

Square

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



26.7136, 0.3665, 0.3248



26.7136, 0.3497, 0.3882



26.7136, 0.2613, 0.3298



26.7136, 0.2748, 0.2743

Rectangle

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



26.7136, 0.3665, 0.3248



26.7136, 0.3767, 0.3689



26.7136, 0.2613, 0.3298



26.7136, 0.2522, 0.2856

Sweetspot

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



26.7148, 0.3665, 0.3248



68.1659, 0.3257, 0.3278



27.8521, 0.3124, 0.2621



14.3824, 0.3283, 0.3276



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.



26.7148, 0.3665, 0.3248



42.2582, 0.3846, 0.3238



32.6805, 0.3623, 0.3592



8.5135, 0.3278, 0.3276



6.7930, 0.6320, 0.3255



0.2165, 0.6000, 0.3079

Inverse Universe

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



26.7148, 0.3665, 0.3248



42.2582, 0.3846, 0.3238



31.6855, 0.2708, 0.2967



8.5135, 0.3278, 0.3276



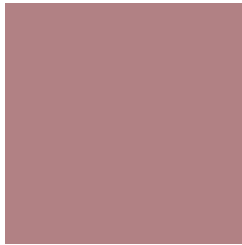
6.7930, 0.6320, 0.3255



0.2165, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 26.7136, 0.3665, 0.3248 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 26.7136, 0.3665, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

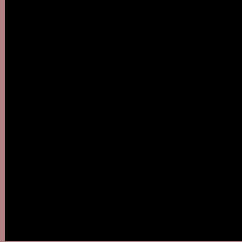
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7136, 0.3665, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 26.7136, 0.3665, 0.3248.

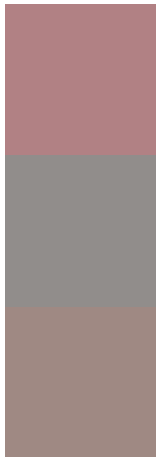


This preview shows how white text looks on a background with the Yxy color 26.7136, 0.3665, 0.3248.

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

26.7136, 0.3665, 0.3248

Protanopia

26.9336, 0.3191, 0.3323

Deuteranopia

26.9009, 0.3441, 0.3385



Tritanopia

26.7383, 0.3608, 0.3146

Trichromacy



Original Color

26.7136, 0.3665, 0.3248

Protanomaly

26.8370, 0.3363, 0.3306

Deuteranomaly

26.7959, 0.3530, 0.3337

Tritanomaly

26.6809, 0.3632, 0.3175

Monochromacy



Original Color

26.7136, 0.3665, 0.3248

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4266, 0.3305, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7136, 0.3665, 0.3248 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(177, 129, 132)` looks like.

```
.text, #text, p{  
    color:rgb(177, 129, 132)  
}
```

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(177, 129, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 129, 132) }
```

Border

The CSS property to change the border of an element to Yxy 26.7136, 0.3665, 0.3248 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(177, 129, 132) }
```

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

```
.border{ border-color:rgb(177, 129, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 129, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 129, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 129, 132); box-shadow:4px 4px 4px 4px rgb(177, 129, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7136, 0.3665, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 129, 132) }
```

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

```
.background{ background-color: rgb(177,  
129, 132) }
```

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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