

# Converting Colors

$Yxy(26.5312, 0.3589, 0.3046)$

Have a look what the booklet for  
Yxy(26.5312, 0.3589, 0.3046)  
contains.

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**Color**

**Yxy(26.6082, 0.3578, 0.3047)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47E8F
RGB	180, 126, 143
RGB Percent	71%, 49%, 56%
CMY	0.2940, 0.5059, 0.4392
CMYK	0.00, 0.30, 0.21, 0.29
HSL	341°, 26%, 60%
HSV	341°, 30%, 71%
XYZ	31.2452, 26.6082, 29.4725
YIQ	144.0840, 26.7270, 16.7350

# Conversions

## Conversions Part 2

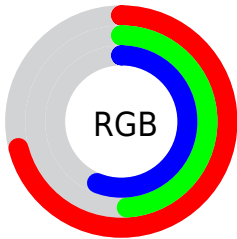
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 126, 143
Decimal	11828879
CIE <sub>Lab</sub>	58.61, 23.48, -0.74
CIE <sub>LCh</sub>	59, 23.496, 358.203
Yxy	26.6082, 0.3578, 0.3047
Android (android.graphics.Color)	4290018959 (0xFFB47E8F)
YUV	144.0840, -0.5344, 31.4983
Hunter-Lab	51.5831, 17.8515, 2.2323

# Details

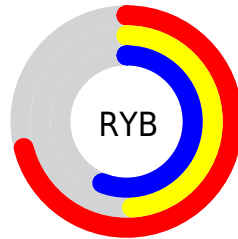
The Yxy color **26.6082, 0.3578, 0.3047** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7337, 0.2818, 0.3549**, and the grayscale version is **27.9205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2759, 0.3483, 0.3093**, and **10.3948, 0.3737, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **22.0590, 0.3797, 0.2963**, and if you desaturate by 10%, it is **32.0295, 0.3397, 0.3131**.

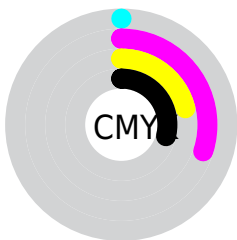
# Distribution



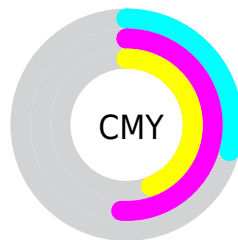
- Red (71%)
- Green (49%)
- Blue (56%)



- Red (71%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (29%)




- Cyan (29%)
- Magenta (51%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6082, 0.3578, 0.3047 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 26.6082, 0.3578, 0.3047 by changing the saturation by 10% instead.




 26.6082, 0.3578,  
0.3047


 26.6082, 0.3578,  
0.3047


285.7551, 0.3332,  
0.3179


 17.2792, 0.3647,  
0.3010


 54.2545, 0.3483,  
0.3098

 10.4337, 0.3742,  
0.2960


 73.3406, 0.3449,  
0.3116

 5.6875, 0.3878,  
0.2887

 96.4478, 0.3421,  
0.3131

 2.6560, 0.4090,  
0.2775

123.9606, 0.3398,  
0.3144

 0.9549, 0.4465,  
0.2578

156.2633, 0.3377,  
0.3155

 0.0000, 1.0000,  
0.0000


193.7404, 0.3360,


 0.0000, 0.0000,


0.3164


0.0000


236.7762, 0.3345,  
0.3172


 26.6082, 0.3578,  
0.3047

 26.6082, 0.3578,  
0.3047

 22.0590, 0.3797,  
0.2963

 32.0295, 0.3397,  
0.3131


 18.3323, 0.4057,  
0.2886


 38.3615, 0.3249,  
0.3213


 15.3794, 0.4359,  
0.2823


 45.6452, 0.3127,  
0.3290


 13.1449, 0.4696,  
0.2787


 53.9177, 0.3028,  
0.3361


 11.5656, 0.5050,  
0.2787


 63.2143, 0.2947,  
0.3427


 10.5675, 0.5395,  
0.2834

 73.5685, 0.2881,  
0.3486

 9.9983, 0.5706,  
0.2917

 85.0123, 0.2826,  
0.3541

 87.6195, 0.2766,  
0.3434

 88.3849, 0.2706,  
0.3299

# Harmonies

## Analogous

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



26.6082, 0.3187, 0.2799



26.6082, 0.3578, 0.3047



26.6082, 0.3850, 0.3359

# Triad

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



26.6082, 0.3578, 0.3047



26.6082, 0.3424, 0.4002



26.6082, 0.2398, 0.2838

# Complementary

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



26.6082, 0.3578, 0.3047



39.7337, 0.2818, 0.3549

# 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.



26.6082, 0.2452, 0.3150



26.6082, 0.3578, 0.3047



26.6082, 0.3030, 0.3864

# Square

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



26.6082, 0.3578, 0.3047



26.6082, 0.3750, 0.3919



26.6082, 0.2678, 0.3537



26.6082, 0.2521, 0.2671



# Rectangle

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



26.6082, 0.3578, 0.3047



26.6082, 0.3918, 0.3574



26.6082, 0.2678, 0.3537



26.6082, 0.2396, 0.2928

# Sweetspot

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



26.6094, 0.3578, 0.3047



70.6017, 0.3237, 0.3220



25.9940, 0.2978, 0.2515



14.8759, 0.3256, 0.3208



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.



26.6094, 0.3578, 0.3047



42.6158, 0.3718, 0.2991



28.7927, 0.3744, 0.3435



8.5479, 0.3239, 0.3219



6.9868, 0.5674, 0.2899



0.2307, 0.4871, 0.2457



# Inverse Universe

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



26.6094, 0.3578, 0.3047



42.6158, 0.3718, 0.2991



36.5261, 0.2685, 0.3139



8.5479, 0.3239, 0.3219



6.9868, 0.5674, 0.2899



0.2307, 0.4871, 0.2457



# Previews

## White Background



This preview shows how the Yxy color 26.6082, 0.3578, 0.3047 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

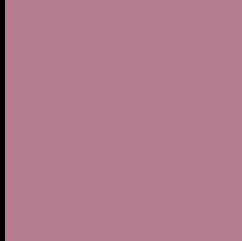
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 26.6082, 0.3578, 0.3047 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

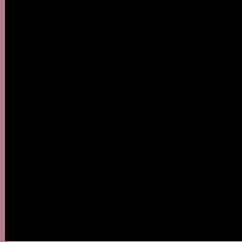
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 26.6082, 0.3578, 0.3047**

## Background



This preview shows how black text looks on a background with the Yxy color 26.6082, 0.3578, 0.3047.



This preview shows how white text looks on a background with the Yxy color 26.6082, 0.3578, 0.3047.

# 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

26.6082, 0.3578, 0.3047

### Protanopia

26.6859, 0.3020, 0.3096

### Deuteranopia

26.7830, 0.3286, 0.3227



## Tritanopia

26.5686, 0.3635, 0.3146

# Trichromacy



## Original Color

26.6082, 0.3578, 0.3047

## Protanomaly

26.4664, 0.3204, 0.3072

## Deuteranomaly

26.6206, 0.3385, 0.3153

## Tritanomaly

26.6265, 0.3611, 0.3118

# Monochromacy



## Original Color

26.6082, 0.3578, 0.3047

## Achromatopsia

27.8894, 0.3127, 0.3290

## Achromatomaly

27.0730, 0.3277, 0.3181

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.6082, 0.3578, 0.3047 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(180, 126, 143)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 143)  
}
```

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(180, 126, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 26.6082, 0.3578, 0.3047 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(180, 126, 143) }
```

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

```
.border{ border-color:rgb(180, 126, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 143);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.6082, 0.3578, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 143) }
```

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

```
.background{ background-color: rgb(180,  
126, 143) }
```

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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