

Converting Colors

$Y_{xy}(17.0350, 0.3812, 0.2762)$

Have a look what the booklet for
Yxy(17.0350, 0.3812, 0.2762)
contains.

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Color

Yxy(17.0350, 0.3819, 0.2760)

Conversions

Conversions Part 1

Format	Color
Hex	A9597C
RGB	169, 89, 124
RGB Percent	66%, 35%, 49%
CMY	0.3373, 0.6509, 0.5137
CMYK	0.00, 0.47, 0.27, 0.34
HSL	334°, 32%, 51%
HSV	334°, 47%, 66%
XYZ	23.5713, 17.0350, 21.1148
YIQ	116.9100, 36.4450, 27.8450

Conversions

Conversions Part 2

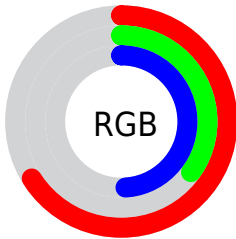
Format	Color
RYB	169, 89, 124
Decimal	11098492
CIELab	48.30, 36.96, -4.89
CIElCh	48, 37.286, 352.457
Yxy	17.0350, 0.3819, 0.2760
Android (android.graphics.Color)	4289288572 (0xFFA9597C)
YUV	116.9100, 3.4954, 45.6829
Hunter-Lab	41.2735, 29.7126, -1.4402

Details

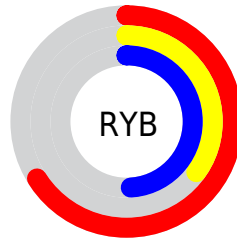
The Yxy color **17.0350, 0.3819, 0.2760** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.2183, 0.2744, 0.3910**, and the grayscale version is **17.7412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3531, 0.3664, 0.2884**, and **5.5364, 0.4113, 0.2548** is the 20% darker color. If you saturate the color by 10%, you get **14.3094, 0.4047, 0.2663**, and if you desaturate by 10%, it is **20.4310, 0.3622, 0.2871**.

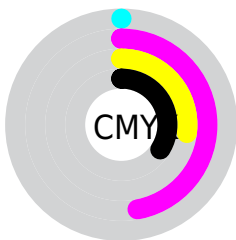
Distribution



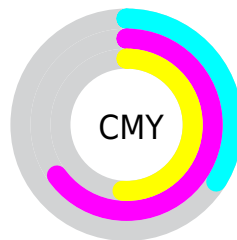
- Red (66%)
- Green (35%)
- Blue (49%)



- Red (66%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (47%)
- Yellow (27%)
- Black (34%)





- Cyan (34%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0350, 0.3819, 0.2760 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 17.0350, 0.3819, 0.2760 by changing the saturation by 10% instead.


 17.0350, 0.3819,
0.2760


 17.0350, 0.3819,
0.2760


235.3740, 0.3421,
0.3060

 10.2594, 0.3941,
0.2671


 38.3859, 0.3659,
0.2879


 5.5713, 0.4114,
0.2546


 53.7301, 0.3604,
0.2920

 2.5862, 0.4380,
0.2359

 72.6993, 0.3559,
0.2954

 0.9197, 0.4832,
0.2053

 95.6779, 0.3522,
0.2983

 0.0000, 0.8401,
0.0000

123.0502, 0.3491,
0.3006

 0.0000, 0.0000,
0.0000

155.2008, 0.3464,

0.3027

192.5139, 0.3441,
0.3045

■ 17.0350, 0.3819,
0.2760

■ 17.0350, 0.3819,
0.2760

■ 14.3094, 0.4047,
0.2663

■ 20.4310, 0.3622,
0.2871

■ 12.2063, 0.4303,
0.2589

■ 24.5361, 0.3455,
0.2987

■ 10.6754, 0.4579,
0.2553

■ 29.3890, 0.3315,
0.3102

■ 9.6572, 0.4862,
0.2564


■ 35.0248, 0.3199,
0.3213

■ 9.0605, 0.5135,
0.2624

■ 41.4763, 0.3103,
0.3317

 8.9275, 0.5208,
0.2643

 48.7745, 0.3024,
0.3414

 56.9489, 0.2959,
0.3504

 66.0273, 0.2906,
0.3586

 76.0364, 0.2861,
0.3661

Harmonies

Analogous

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



17.0350, 0.3072, 0.2385



17.0350, 0.3819, 0.2760



17.0350, 0.4398, 0.3256

Triad

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



17.0350, 0.3819, 0.2760



17.0350, 0.3743, 0.4613



17.0350, 0.1863, 0.2533

Complementary

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



17.0350, 0.3819, 0.2760



32.2183, 0.2744, 0.3910

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.



17.0350, 0.1993, 0.3122



17.0350, 0.3819, 0.2760



17.0350, 0.3046, 0.4495

Square

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



17.0350, 0.3819, 0.2760



17.0350, 0.4310, 0.4302



17.0350, 0.2408, 0.3892



17.0350, 0.2010, 0.2231

Rectangle

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



17.0350, 0.3819, 0.2760



17.0350, 0.4565, 0.3616



17.0350, 0.2408, 0.3892



17.0350, 0.1874, 0.2698

Sweetspot

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



17.0358, 0.3819, 0.2760



55.5948, 0.3277, 0.3137



14.9973, 0.2730, 0.2006



11.6804, 0.3302, 0.3113



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



17.0358, 0.3819, 0.2760



25.3348, 0.4064, 0.2657



16.9859, 0.4361, 0.3355



7.5948, 0.3220, 0.3192



6.6648, 0.5182, 0.2629



0.1725, 0.4378, 0.2185

Inverse Universe

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



17.0358, 0.3819, 0.2760



25.3348, 0.4064, 0.2657



31.8961, 0.2498, 0.3221



7.5948, 0.3220, 0.3192



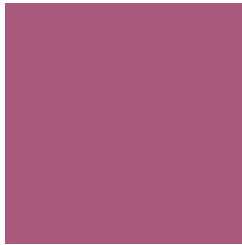
6.6648, 0.5182, 0.2629



0.1725, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 17.0350, 0.3819, 0.2760 looks on a white 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

Black Background



This preview shows how the Yxy color 17.0350, 0.3819, 0.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

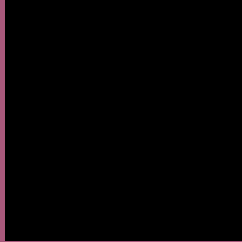
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0350, 0.3819, 0.2760

Background



This preview shows how black text looks on a background with the Yxy color 17.0350, 0.3819, 0.2760.



This preview shows how white text looks on a background with the Yxy color 17.0350, 0.3819, 0.2760.

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

17.0350, 0.3819, 0.2760

Protanopia

17.1793, 0.2775, 0.2795

Deuteranopia

17.2295, 0.3187, 0.3138



Tritanopia

17.1410, 0.4151, 0.3200

Trichromacy



Original Color

17.0350, 0.3819, 0.2760

Protanomaly

16.6497, 0.3112, 0.2768

Deuteranomaly

16.8566, 0.3407, 0.2989

Tritanomaly

17.0833, 0.4032, 0.3030

Monochromacy



Original Color

17.0350, 0.3819, 0.2760

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1057, 0.3358, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0350, 0.3819, 0.2760 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(169, 89, 124)` looks like.

```
.text, #text, p{  
    color:rgb(169, 89, 124)  
}
```

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(169, 89, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 89, 124) }
```

Border

The CSS property to change the border of an element to Yxy 17.0350, 0.3819, 0.2760 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(169, 89, 124) }
```

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

```
.border{ border-color:rgb(169, 89, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 89, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 89, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 89, 124);  
box-shadow:4px 4px 4px 4px rgb(169, 89,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0350, 0.3819, 0.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 89, 124) }
```

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

```
.background{ background-color: rgb(169, 89,  
124) }
```

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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