

Converting Colors

$Y_{xy}(17.4491, 0.4434, 0.2874)$

Have a look what the booklet for
Yxy(17.4491, 0.4434, 0.2874)
contains.

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Color

Yxy(17.4882, 0.4423, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	BF4D6D
RGB	191, 77, 109
RGB Percent	75%, 30%, 43%
CMY	0.2511, 0.6979, 0.5726
CMYK	0.00, 0.60, 0.43, 0.25
HSL	343°, 47%, 53%
HSV	343°, 60%, 75%
XYZ	26.8951, 17.4882, 16.4241
YIQ	114.7340, 57.6720, 34.1200

Conversions

Conversions Part 2

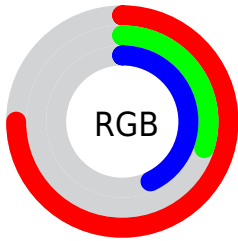
Format	Color
RYB	191, 77, 109
Decimal	12537197
CIELab	48.87, 48.65, 5.38
CIElCh	49, 48.945, 6.310
Yxy	17.4882, 0.4423, 0.2876
Android (android.graphics.Color)	4290727277 (0xFFBF4D6D)
YUV	114.7340, -2.8269, 66.8853
Hunter-Lab	41.8189, 41.6161, 5.9875

Details

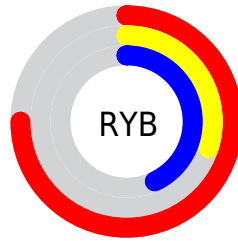
The Yxy color **17.4882, 0.4423, 0.2876** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **41.3334, 0.2574, 0.3806**, and the grayscale version is **17.0581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2799, 0.4125, 0.2987**, and **5.7670, 0.4974, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **14.9233, 0.4780, 0.2846**, and if you desaturate by 10%, it is **20.8856, 0.4102, 0.2931**.

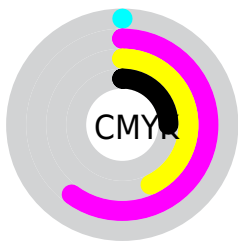
Distribution



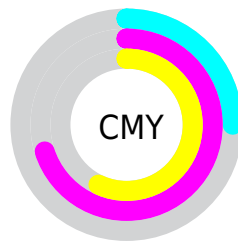
- Red (75%)
- Green (30%)
- Blue (43%)



- Red (75%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4882, 0.4423, 0.2876 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 17.4882, 0.4423, 0.2876 by changing the saturation by 10% instead.


 17.4882, 0.4423,
0.2876


 17.4882, 0.4423,
0.2876


237.9702, 0.3670,
0.3127

 10.5832, 0.4654,
0.2794


 39.1633, 0.4120,
0.2980


 5.7873, 0.4981,
0.2674

 54.7021, 0.4015,
0.3015


 2.7162, 0.5475,
0.2484

 73.8877, 0.3930,
0.3043

 0.9854, 0.6316,
0.2163

 97.1044, 0.3860,
0.3066

 0.0000, 1.0000,
0.0000

 124.7366, 0.3801,
0.3085

 0.0000, 0.0000,
0.0000

157.1687, 0.3751,

0.3101

194.7851, 0.3708,
0.3115

■ 17.4882, 0.4423,
0.2876

■ 17.4882, 0.4423,
0.2876

■ 14.9233, 0.4780,
0.2846

■ 20.8856, 0.4102,
0.2931

■ 13.1152, 0.5155,
0.2852

■ 25.1772, 0.3826,
0.3000

■ 11.9788, 0.5513,
0.2901

■ 30.4217, 0.3595,
0.3075

■ 11.3537, 0.5826,
0.2986

■ 36.6722, 0.3405,
0.3151

■ 11.3355, 0.5836,
0.2989

■ 43.9778, 0.3250,
0.3224

■ 52.3845, 0.3123,
0.3292

■ 61.9354, 0.3020,
0.3356

■ 72.6714, 0.2936,
0.3414

■ 84.6312, 0.2867,
0.3467

Harmonies

Analogous

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



17.4882, 0.3490, 0.2350



17.4882, 0.4423, 0.2876



17.4882, 0.4946, 0.3503

Triad

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



17.4882, 0.4423, 0.2876



17.4882, 0.3457, 0.5051



17.4882, 0.1606, 0.2103

Complementary

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



17.4882, 0.4423, 0.2876



41.3334, 0.2574, 0.3806

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.



17.4882, 0.1595, 0.2648



17.4882, 0.4423, 0.2876



17.4882, 0.2591, 0.4603

Square

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



17.4882, 0.4423, 0.2876



17.4882, 0.4284, 0.4778



17.4882, 0.1920, 0.3585



17.4882, 0.1927, 0.1914

Rectangle

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



17.4882, 0.4423, 0.2876



17.4882, 0.4951, 0.3945



17.4882, 0.1920, 0.3585



17.4882, 0.1567, 0.2240

Sweetspot

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



17.4891, 0.4423, 0.2876



67.3906, 0.3382, 0.3161



16.4118, 0.2804, 0.1750



14.0145, 0.3433, 0.3139



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



17.4891, 0.4423, 0.2876



25.4630, 0.4910, 0.2843



21.0569, 0.4729, 0.3616



9.5792, 0.3245, 0.3226



7.4637, 0.5801, 0.2969



0.3039, 0.5096, 0.2581

Inverse Universe

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



17.4891, 0.4423, 0.2876



25.4630, 0.4910, 0.2843



32.7165, 0.2313, 0.2893



9.5792, 0.3245, 0.3226



7.4637, 0.5801, 0.2969



0.3039, 0.5096, 0.2581

Previews

White Background



This preview shows how the Yxy color 17.4882, 0.4423, 0.2876 looks on a white background.

Color Contrast Check

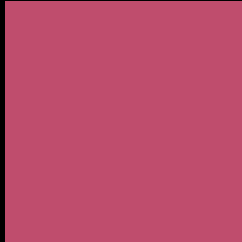
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4882, 0.4423, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

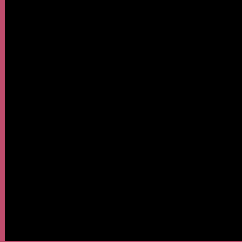
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.4882, 0.4423, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 17.4882, 0.4423, 0.2876.



This preview shows how white text looks on a background with the Yxy color 17.4882, 0.4423, 0.2876.

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

17.4882, 0.4423, 0.2876

Protanopia

17.7743, 0.2943, 0.3004

Deuteranopia

17.5744, 0.3517, 0.3440



Tritanopia

17.3918, 0.4744, 0.3217

Trichromacy



Original Color

17.4882, 0.4423, 0.2876

Protanomaly

16.7724, 0.3426, 0.2924

Deuteranomaly

16.8343, 0.3845, 0.3174

Tritanomaly

17.5107, 0.4631, 0.3099

Monochromacy



Original Color

17.4882, 0.4423, 0.2876

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.3393, 0.3572, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4882, 0.4423, 0.2876 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(191, 77, 109)` looks like.

```
.text, #text, p{  
  color:rgb(191, 77, 109)  
}
```

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(191, 77, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 77, 109) }
```

Border

The CSS property to change the border of an element to Yxy 17.4882, 0.4423, 0.2876 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(191, 77, 109) }
```

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

```
.border{ border-color:rgb(191, 77, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 77, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 77, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 77, 109);  
box-shadow:4px 4px 4px 4px rgb(191, 77,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4882, 0.4423, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 77, 109) }
```

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

```
.background{ background-color: rgb(191, 77,  
109) }
```

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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