

Converting Colors

$Y_{xy}(17.4645, 0.3884, 0.2350)$

Have a look what the booklet for
Yxy(17.4645, 0.3884, 0.2350)
contains.

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Color

Yxy(17.4459, 0.3890, 0.2354)

Conversions

Conversions Part 1

Format	Color
Hex	C0458F
RGB	192, 69, 143
RGB Percent	75%, 27%, 56%
CMY	0.2470, 0.7295, 0.4392
CMYK	0.00, 0.64, 0.26, 0.25
HSL	324°, 49%, 51%
HSV	324°, 64%, 75%
XYZ	28.8295, 17.4459, 27.8364
YIQ	114.2130, 49.5540, 49.0900

Conversions

Conversions Part 2

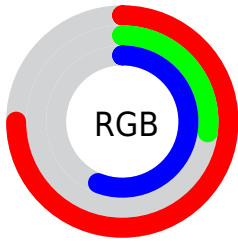
Format	Color
R_{YB}	192, 69, 143
Decimal	12600719
CIE _{Lab}	48.82, 56.56, -15.18
CIE _{LCh}	49, 58.564, 344.976
Yxy	17.4459, 0.3890, 0.2354
Android (android.graphics.Color)	4290790799 (0xFFC0458F)
YUV	114.2130, 14.1920, 68.2192
Hunter-Lab	41.7683, 50.1104, -10.2759

Details

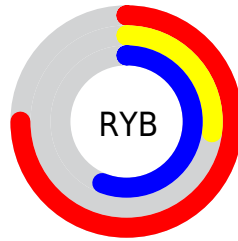
The Yxy color **17.4459, 0.3890, 0.2354** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **40.2833, 0.2778, 0.4553**, and the grayscale version is **16.8382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9558, 0.3721, 0.2540**, and **5.9412, 0.4158, 0.2064** is the 20% darker color. If you saturate the color by 10%, you get **15.2312, 0.4067, 0.2271**, and if you desaturate by 10%, it is **20.4423, 0.3725, 0.2472**.

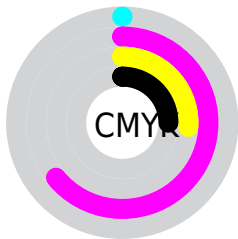
Distribution



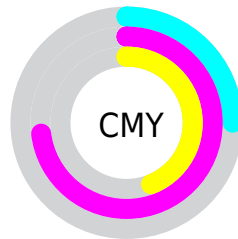
- Red (75%)
- Green (27%)
- Blue (56%)



- Red (75%)
- Yellow (27%)
- Blue (56%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4459, 0.3890, 0.2354 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 17.4459, 0.3890, 0.2354 by changing the saturation by 10% instead.


 17.4459, 0.3890,
0.2354


 17.4459, 0.3890,
0.2354


237.7290, 0.3468,
0.2858


 10.5529, 0.4011,
0.2216


 39.0909, 0.3726,
0.2546


 5.7671, 0.4175,
0.2033


 54.6116, 0.3667,
0.2615


 2.7040, 0.4413,
0.1779

 73.7771, 0.3619,
0.2673

 0.9792, 0.4781,
0.1408

 96.9717, 0.3579,
0.2722

 0.0000, 0.5911,
0.0000

 124.5798, 0.3545,
0.2763

 0.0000, 1.0000,
0.0000

156.9858, 0.3516,

 0.0000, 0.0000,

0.2799

0.0000

194.5741, 0.3490,
0.2831

■ 17.4459, 0.3890,
0.2354

■ 17.4459, 0.3890,
0.2354

■ 15.2312, 0.4067,
0.2271

■ 20.4423, 0.3725,
0.2472

■ 13.7185, 0.4250,
0.2234

■ 24.2846, 0.3576,
0.2613

■ 12.8152, 0.4431,
0.2248

■ 29.0335, 0.3446,
0.2767

■ 12.4598, 0.4538,
0.2274

■ 34.7432, 0.3333,
0.2925

■ 41.4638, 0.3237,
0.3081

■ 49.2416, 0.3156,
0.3231

■ 58.1202, 0.3089,
0.3373

■ 68.1409, 0.3032,
0.3505

■ 79.3425, 0.2986,
0.3628

Harmonies

Analogous

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



17.4459, 0.2744, 0.1907



17.4459, 0.3890, 0.2354



17.4459, 0.4924, 0.2979

Triad

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



17.4459, 0.3890, 0.2354



17.4459, 0.4156, 0.5167



17.4459, 0.1338, 0.2278

Complementary

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



17.4459, 0.3890, 0.2354



40.2833, 0.2778, 0.4553

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.



17.4459, 0.1567, 0.3251



17.4459, 0.3890, 0.2354



17.4459, 0.3161, 0.5380

Square

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



17.4459, 0.3890, 0.2354



17.4459, 0.4962, 0.4454



17.4459, 0.2207, 0.4577



17.4459, 0.1455, 0.1810

Rectangle

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



17.4459, 0.3890, 0.2354



17.4459, 0.5269, 0.3446



17.4459, 0.2207, 0.4577



17.4459, 0.1373, 0.2542

Sweetspot

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



17.4468, 0.3890, 0.2354



68.5121, 0.3285, 0.3000



11.7836, 0.2306, 0.1440



13.9642, 0.3313, 0.2954



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.



17.4468, 0.3890, 0.2354



26.3056, 0.4143, 0.2250



16.0932, 0.4936, 0.3122



10.1774, 0.3197, 0.3152



8.3973, 0.4517, 0.2262



0.3761, 0.4151, 0.2060

Inverse Universe

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



17.4468, 0.3890, 0.2354



26.3056, 0.4143, 0.2250



42.1764, 0.2442, 0.3514



10.1774, 0.3197, 0.3152



8.3973, 0.4517, 0.2262



0.3761, 0.4151, 0.2060

Previews

White Background



This preview shows how the Yxy color 17.4459, 0.3890, 0.2354 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 17.4459, 0.3890, 0.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

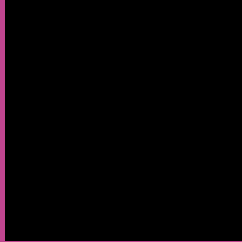
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4459, 0.3890, 0.2354

Background



This preview shows how black text looks on a background with the Yxy color 17.4459, 0.3890, 0.2354.



This preview shows how white text looks on a background with the Yxy color 17.4459, 0.3890, 0.2354.

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

17.4459, 0.3890, 0.2354

Protanopia

17.8687, 0.2328, 0.2214

Deuteranopia

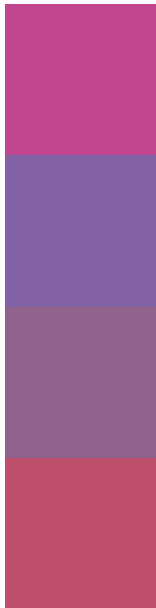
17.6638, 0.2923, 0.2879



Tritanopia

17.4559, 0.4688, 0.3228

Trichromacy



Original Color

17.4459, 0.3890, 0.2354

Protanomaly

16.1978, 0.2744, 0.2183

Deuteranomaly

16.6192, 0.3242, 0.2602

Tritanomaly

17.3503, 0.4409, 0.2896

Monochromacy



Original Color

17.4459, 0.3890, 0.2354

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

15.9668, 0.3393, 0.2818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4459, 0.3890, 0.2354 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(192, 69, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 69, 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(192, 69, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 69, 143) }
```

Border

The CSS property to change the border of an element to Yxy 17.4459, 0.3890, 0.2354 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(192, 69, 143) }
```

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

```
.border{ border-color:rgb(192, 69, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 69, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 69, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 69, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 69,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4459, 0.3890, 0.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 69, 143) }
```

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

```
.background{ background-color: rgb(192, 69,  
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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