

Converting Colors

$Y_{xy}(17.9228, 0.3959, 0.2357)$

Have a look what the booklet for
Yxy(17.9228, 0.3959, 0.2357)
contains.

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Color

Yxy(17.8678, 0.3961, 0.2360)

Conversions

Conversions Part 1

Format	Color
Hex	C5438F
RGB	197, 67, 143
RGB Percent	77%, 26%, 56%
CMY	0.2275, 0.7372, 0.4392
CMYK	0.00, 0.66, 0.27, 0.23
HSL	325°, 53%, 52%
HSV	325°, 66%, 77%
XYZ	29.9891, 17.8678, 27.8541
YIQ	114.5340, 53.0840, 51.1960

Conversions

Conversions Part 2

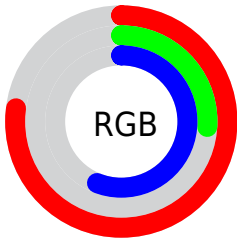
Format	Color
RYB	197, 67, 143
Decimal	12927887
CIELab	49.34, 58.77, -14.31
CIElCh	49, 60.491, 346.312
Yxy	17.8678, 0.3961, 0.2360
Android (android.graphics.Color)	4291117967 (0xFFC5438F)
YUV	114.5340, 14.0337, 72.3227
Hunter-Lab	42.2703, 52.6657, -9.4800

Details

The Yxy color **17.8678, 0.3961, 0.2360** 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 **42.5031, 0.2762, 0.4562**, and the grayscale version is **16.9432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4571, 0.3762, 0.2542**, and **6.2793, 0.4235, 0.2107** is the 20% darker color. If you saturate the color by 10%, you get **15.6718, 0.4150, 0.2289**, and if you desaturate by 10%, it is **20.8801, 0.3784, 0.2468**.

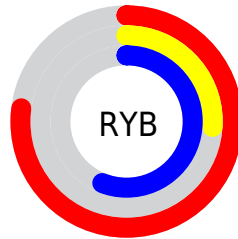
Distribution



Red (77%)

Green (26%)

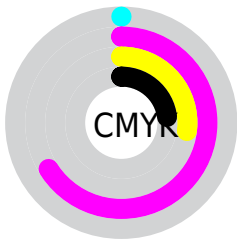
Blue (56%)



Red (77%)

Yellow (26%)

Blue (56%)

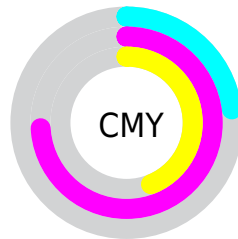


Cyan (0%)

Magenta (66%)

Yellow (27%)

Black (23%)



Cyan (23%)


Magenta (74%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8678, 0.3961, 0.2360 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 17.8678, 0.3961, 0.2360 by changing the saturation by 10% instead.


 17.8678, 0.3961,
0.2360


 17.8678, 0.3961,
0.2360


240.1248, 0.3499,
0.2860


 10.8551, 0.4093,
0.2224


 39.8119, 0.3781,
0.2550


 5.9695, 0.4273,
0.2043


 55.5122, 0.3717,
0.2619


 2.8265, 0.4533,
0.1792

 74.8770, 0.3665,
0.2676

 1.0419, 0.4936,
0.1427

 98.2910, 0.3621,
0.2725

 0.0000, 0.6166,
0.0000

 126.1383, 0.3584,
0.2766

 0.0000, 1.0000,
0.0000

158.8035, 0.3551,

 0.0000, 0.0000,

0.2802

0.0000

196.6708, 0.3524,
0.2833

■ 17.8678, 0.3961,
0.2360

■ 17.8678, 0.3961,
0.2360

■ 15.6718, 0.4150,
0.2289

■ 20.8801, 0.3784,
0.2468

■ 14.2044, 0.4344,
0.2265

■ 24.7791, 0.3624,
0.2602

■ 13.3598, 0.4535,
0.2294

■ 29.6308, 0.3483,
0.2751

■ 13.1106, 0.4611,
0.2314

■ 35.4938, 0.3362,
0.2905

■ 42.4222, 0.3259,
0.3058

■ 50.4663, 0.3172,
0.3205

■ 59.6730, 0.3100,
0.3345

■ 70.0865, 0.3039,
0.3476

■ 81.7488, 0.2989,
0.3597

Harmonies

Analogous

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



17.8678, 0.2781, 0.1897



17.8678, 0.3961, 0.2360



17.8678, 0.5002, 0.2999

Triad

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



17.8678, 0.3961, 0.2360



17.8678, 0.4123, 0.5229



17.8678, 0.1304, 0.2222

Complementary

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



17.8678, 0.3961, 0.2360



42.5031, 0.2762, 0.4562

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.



17.8678, 0.1517, 0.3190



17.8678, 0.3961, 0.2360



17.8678, 0.3107, 0.5423

Square

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



17.8678, 0.3961, 0.2360



17.8678, 0.4964, 0.4500



17.8678, 0.2145, 0.4555



17.8678, 0.1439, 0.1770

Rectangle

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



17.8678, 0.3961, 0.2360



17.8678, 0.5328, 0.3473



17.8678, 0.2145, 0.4555



17.8678, 0.1333, 0.2481

Sweetspot

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



17.8687, 0.3961, 0.2360



70.3756, 0.3301, 0.2992



11.9698, 0.2297, 0.1396



14.3144, 0.3331, 0.2948



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



17.8687, 0.3961, 0.2360



26.8089, 0.4232, 0.2273



16.4650, 0.5061, 0.3147



10.7392, 0.3200, 0.3156



8.6413, 0.4588, 0.2301



0.4234, 0.4225, 0.2101

Inverse Universe

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



17.8687, 0.3961, 0.2360



26.8089, 0.4232, 0.2273



44.5828, 0.2420, 0.3488



10.7392, 0.3200, 0.3156



8.6413, 0.4588, 0.2301



0.4234, 0.4225, 0.2101

Previews

White Background



This preview shows how the Yxy color 17.8678, 0.3961, 0.2360 looks on a white background.

Color Contrast Check

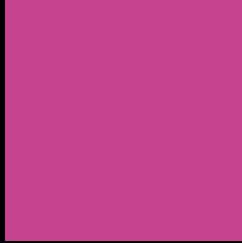
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8678, 0.3961, 0.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

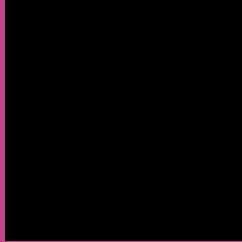
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8678, 0.3961, 0.2360

Background



This preview shows how black text looks on a background with the Yxy color 17.8678, 0.3961, 0.2360.



This preview shows how white text looks on a background with the Yxy color 17.8678, 0.3961, 0.2360.

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

17.8678, 0.3961, 0.2360

Protanopia

18.2323, 0.2325, 0.2207

Deuteranopia

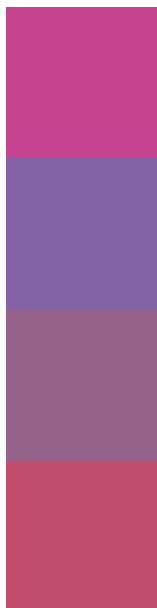
18.1040, 0.2959, 0.2902



Tritanopia

17.7794, 0.4780, 0.3219

Trichromacy



Original Color

17.8678, 0.3961, 0.2360

Protanomaly

16.4751, 0.2769, 0.2181

Deuteranomaly

16.9890, 0.3296, 0.2614

Tritanomaly

17.6998, 0.4501, 0.2899

Monochromacy



Original Color

17.8678, 0.3961, 0.2360

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.2358, 0.3436, 0.2825

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8678, 0.3961, 0.2360 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(197, 67, 143)` looks like.

```
.text, #text, p{  
  color:rgb(197, 67, 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(197, 67, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 67, 143) }
```

Border

The CSS property to change the border of an element to Yxy 17.8678, 0.3961, 0.2360 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(197, 67, 143) }
```

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

```
.border{ border-color:rgb(197, 67, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 67, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 67, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 67, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 67,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8678, 0.3961, 0.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 67, 143) }
```

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

```
.background{ background-color: rgb(197, 67,  
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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