

Converting Colors

$Y_{xy}(17.3970, 0.5065, 0.2776)$

Have a look what the booklet for
Yxy(17.3970, 0.5065, 0.2776)
contains.

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Color

Yxy(17.3803, 0.5069, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	D92B63
RGB	217, 43, 99
RGB Percent	85%, 17%, 39%
CMY	0.1489, 0.8315, 0.6117
CMYK	0.00, 0.80, 0.54, 0.15
HSL	341°, 70%, 51%
HSV	341°, 80%, 85%
XYZ	31.7366, 17.3803, 13.4923
YIQ	101.4100, 85.7280, 54.3040

Conversions

Conversions Part 2

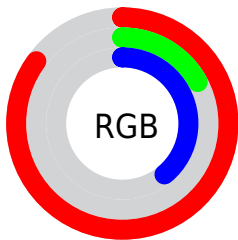
Format	Color
RYB	217, 43, 99
Decimal	14232419
CIELab	48.74, 67.85, 11.90
CIElCh	49, 68.882, 9.951
Yxy	17.3803, 0.5069, 0.2776
Android (android.graphics.Color)	4292422499 (0xFFD92B63)
YUV	101.4100, -1.1881, 101.3724
Hunter-Lab	41.6897, 62.9275, 9.9944

Details

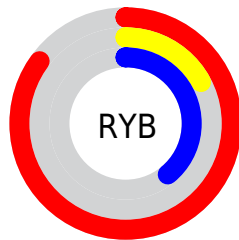
The Yxy color **17.3803, 0.5069, 0.2776** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **52.7205, 0.2536, 0.4147**, and the grayscale version is **13.1085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9453, 0.4396, 0.2874**, and **7.2256, 0.5574, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **15.9458, 0.5411, 0.2829**, and if you desaturate by 10%, it is **19.7062, 0.4714, 0.2772**.

Distribution



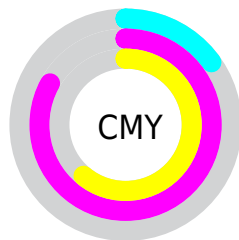
- Red (85%)
- Green (17%)
- Blue (39%)



- Red (85%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (80%)
- Yellow (54%)
- Black (15%)




- Cyan (15%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.3803, 0.5069, 0.2776 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 17.3803, 0.5069, 0.2776 by changing the saturation by 10% instead.


 17.3803, 0.5069,
0.2776

 17.3803, 0.5069,
0.2776


237.3545, 0.3947,
0.3105


 10.5060, 0.5402,
0.2663

 38.9785, 0.4622,
0.2917


 5.7357, 0.5861,
0.2496

 54.4712, 0.4466,
0.2963


 2.6851, 0.6515,
0.2234

 73.6055, 0.4339,
0.2999

 0.9696, 0.7723,
0.1855

 96.7657, 0.4234,
0.3029

 0.0000, 1.0000,
0.0000

 124.3364, 0.4145,
0.3053

 0.0000, 0.0000,
0.0000

156.7018, 0.4069,

0.3073

194.2464, 0.4004,
0.3090

■ 17.3803, 0.5069,
0.2776

■ 17.3803, 0.5069,
0.2776

■ 15.9458, 0.5411,
0.2829

■ 19.7062, 0.4714,
0.2772


■ 15.1956, 0.5709,
0.2919


■ 23.0399, 0.4375,
0.2807


■ 27.4831, 0.4069,
0.2870

■ 33.1242, 0.3806,
0.2950

■ 40.0426, 0.3584,
0.3036

 48.3108, 0.3401,
0.3124

 57.9959, 0.3252,
0.3209

 69.1605, 0.3129,
0.3288

 81.8633, 0.3030,
0.3362

Harmonies

Analogous

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



17.3803, 0.3770, 0.2122



17.3803, 0.5069, 0.2776



17.3803, 0.5633, 0.3523

Triad

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



17.3803, 0.5069, 0.2776



17.3803, 0.3282, 0.5795



17.3803, 0.1211, 0.1661

Complementary

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



17.3803, 0.5069, 0.2776



52.7205, 0.2536, 0.4147

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.



17.3803, 0.1133, 0.2237



17.3803, 0.5069, 0.2776



17.3803, 0.2193, 0.5091

Square

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



17.3803, 0.5069, 0.2776



17.3803, 0.4390, 0.5264



17.3803, 0.1427, 0.3463



17.3803, 0.1632, 0.1514

Rectangle

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



17.3803, 0.5069, 0.2776



17.3803, 0.5485, 0.4068



17.3803, 0.1427, 0.3463



17.3803, 0.1148, 0.1795

Sweetspot

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



17.3813, 0.5069, 0.2776



64.5847, 0.3471, 0.3089



14.1072, 0.2547, 0.1298



12.9197, 0.3537, 0.3057



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.



17.3813, 0.5069, 0.2776



22.2034, 0.5617, 0.2890



19.5604, 0.5669, 0.3535



13.1203, 0.3241, 0.3215



9.2139, 0.5671, 0.2898



0.6124, 0.5207, 0.2642

Inverse Universe

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



17.3813, 0.5069, 0.2776



22.2034, 0.5617, 0.2890



41.4946, 0.2173, 0.2862



13.1203, 0.3241, 0.3215



9.2139, 0.5671, 0.2898



0.6124, 0.5207, 0.2642

Previews

White Background



This preview shows how the Yxy color 17.3803, 0.5069, 0.2776 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 17.3803, 0.5069, 0.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

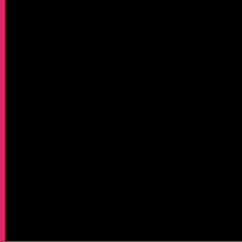
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3803, 0.5069, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 17.3803, 0.5069, 0.2776.



This preview shows how white text looks on a background with the Yxy color 17.3803, 0.5069, 0.2776.

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

17.3803, 0.5069, 0.2776

Protanopia

17.7791, 0.2865, 0.2911

Deuteranopia

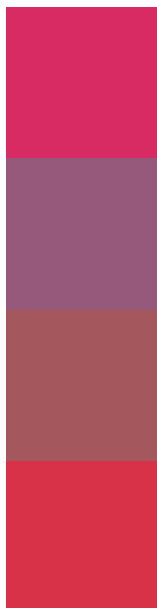
17.5779, 0.3734, 0.3680



Tritanopia

17.3709, 0.5678, 0.3281

Trichromacy



Original Color

17.3803, 0.5069, 0.2776

Protanomaly

15.1541, 0.3576, 0.2722

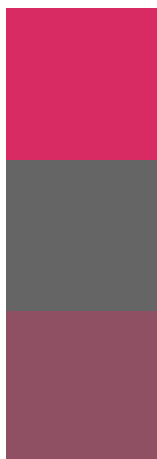
Deuteranomaly

15.6239, 0.4268, 0.3184

Tritanomaly

17.3480, 0.5485, 0.3107

Monochromacy



Original Color

17.3803, 0.5069, 0.2776

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.4971, 0.3873, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3803, 0.5069, 0.2776 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(217, 43, 99)` looks like.

```
.text, #text, p{  
    color:rgb(217, 43, 99)  
}
```

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(217, 43, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 43, 99) }
```

Border

The CSS property to change the border of an element to Yxy 17.3803, 0.5069, 0.2776 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(217, 43, 99) }
```

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

```
.border{ border-color:rgb(217, 43, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 43, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 43, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 43, 99);  
box-shadow:4px 4px 4px 4px rgb(217, 43,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3803, 0.5069, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 43, 99) }
```

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

```
.background{ background-color: rgb(217, 43,  
99) }
```

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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