

Converting Colors

$Y_{xy}(17.0343, 0.5253, 0.2873)$

Have a look what the booklet for
Yxy(17.0343, 0.5253, 0.2873)
contains.

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Color

Yxy(17.0589, 0.5257, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	D92959
RGB	217, 41, 89
RGB Percent	85%, 16%, 35%
CMY	0.1490, 0.8393, 0.6509
CMYK	0.00, 0.81, 0.59, 0.15
HSL	344°, 70%, 51%
HSV	344°, 81%, 85%
XYZ	31.2143, 17.0589, 11.1034
YIQ	99.0960, 89.4880, 52.2400

Conversions

Conversions Part 2

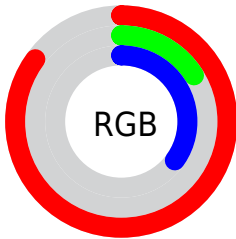
Format	Color
R_{YB}	217, 41, 89
Decimal	14231897
CIE Lab	48.33, 67.66, 17.48
CIE LCh	48, 69.884, 14.487
Yxy	17.0589, 0.5257, 0.2873
Android (android.graphics.Color)	4292421977 (0xFFD92959)
YUV	99.0960, -4.9773, 103.4018
Hunter-Lab	41.3024, 62.6220, 12.9726

Details

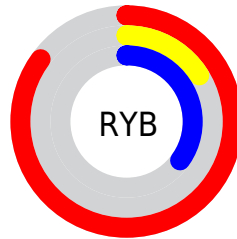
The Yxy color **17.0589, 0.5257, 0.2873** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **52.9654, 0.2494, 0.4017**, and the grayscale version is **12.4981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2272, 0.4536, 0.2958**, and **7.1504, 0.5786, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **15.7130, 0.5612, 0.2933**, and if you desaturate by 10%, it is **19.2898, 0.4876, 0.2857**.

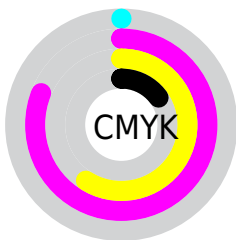
Distribution



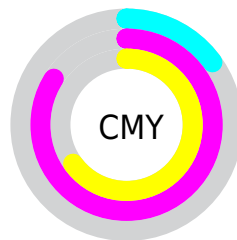
- Red (85%)
- Green (16%)
- Blue (35%)



- Red (85%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0589, 0.5257, 0.2873 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 17.0589, 0.5257, 0.2873 by changing the saturation by 10% instead.


 17.0589, 0.5257,
0.2873


 17.0589, 0.5257,
0.2873


235.5116, 0.4023,
0.3166

 10.2765, 0.5620,
0.2762


 38.4270, 0.4767,
0.3005


 5.5827, 0.6114,
0.2591

 53.7815, 0.4595,
0.3047


 2.5930, 0.6805,
0.2314

 72.7622, 0.4455,
0.3078

 0.9232, 0.8089,
0.1911

 95.7534, 0.4339,
0.3103

 0.0000, 1.0000,
0.0000

 123.1395, 0.4241,
0.3124

 0.0000, 0.0000,
0.0000

 155.3050, 0.4158,

0.3140

192.6342, 0.4086,
0.3154

■ 17.0589, 0.5257,
0.2873

■ 17.0589, 0.5257,
0.2873

■ 15.7130, 0.5612,
0.2933

■ 19.2898, 0.4876,
0.2857


■ 15.0712, 0.5881,
0.3014

■ 22.5249, 0.4506,
0.2880

■ 26.8680, 0.4171,
0.2929

■ 32.4091, 0.3880,
0.2995

■ 39.2288, 0.3637,
0.3068

 47.4006, 0.3437,
0.3143

 56.9927, 0.3273,
0.3215

 68.0683, 0.3140,
0.3283

 80.6871, 0.3032,
0.3346

Harmonies

Analogous

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



17.0589, 0.4000, 0.2192



17.0589, 0.5257, 0.2873



17.0589, 0.5675, 0.3636

Triad

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



17.0589, 0.5257, 0.2873



17.0589, 0.3099, 0.5840



17.0589, 0.1226, 0.1590

Complementary

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



17.0589, 0.5257, 0.2873



52.9654, 0.2494, 0.4017

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.



17.0589, 0.1096, 0.2090



17.0589, 0.5257, 0.2873



17.0589, 0.2024, 0.4906

Square

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



17.0589, 0.5257, 0.2873



17.0589, 0.4234, 0.5416



17.0589, 0.1325, 0.3226



17.0589, 0.1708, 0.1496

Rectangle

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



17.0589, 0.5257, 0.2873



17.0589, 0.5435, 0.4198



17.0589, 0.1325, 0.3226



17.0589, 0.1146, 0.1702

Sweetspot

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



17.0599, 0.5257, 0.2873



64.4327, 0.3495, 0.3120



14.8258, 0.2636, 0.1335



12.8838, 0.3567, 0.3093



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.



17.0599, 0.5257, 0.2873



21.9361, 0.5819, 0.2996



20.5235, 0.5610, 0.3618



13.1096, 0.3249, 0.3226



9.1377, 0.5845, 0.2993



0.6064, 0.5375, 0.2735

Inverse Universe

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



17.0599, 0.5257, 0.2873



21.9361, 0.5819, 0.2996



37.6702, 0.2131, 0.2718



13.1096, 0.3249, 0.3226



9.1377, 0.5845, 0.2993



0.6064, 0.5375, 0.2735

Previews

White Background



This preview shows how the Yxy color 17.0589, 0.5257, 0.2873 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 17.0589, 0.5257, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

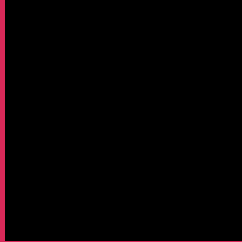
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0589, 0.5257, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 17.0589, 0.5257, 0.2873.



This preview shows how white text looks on a background with the Yxy color 17.0589, 0.5257, 0.2873.

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

17.0589, 0.5257, 0.2873

Protanopia

17.3364, 0.3033, 0.3134

Deuteranopia

17.3513, 0.3916, 0.3858



Tritanopia

16.9762, 0.5759, 0.3283

Trichromacy



Original Color

17.0589, 0.5257, 0.2873

Protanomaly

14.8025, 0.3787, 0.2903

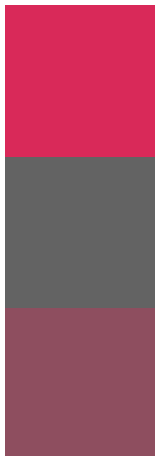
Deuteranomaly

15.4956, 0.4488, 0.3340

Tritanomaly

17.0136, 0.5610, 0.3151

Monochromacy



Original Color

17.0589, 0.5257, 0.2873

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.0258, 0.3959, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0589, 0.5257, 0.2873 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, 41, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 41, 89)  
}
```

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, 41, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 41, 89) }
```

Border

The CSS property to change the border of an element to Yxy 17.0589, 0.5257, 0.2873 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, 41, 89) }
```

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

```
.border{ border-color:rgb(217, 41, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 41, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 41, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 41, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 41,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0589, 0.5257, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 41, 89) }
```

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

```
.background{ background-color: rgb(217, 41,  
89) }
```

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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