

Converting Colors

$Yxy(17.3872, 0.5107, 0.2587)$

Have a look what the booklet for
Yxy(17.3872, 0.5107, 0.2587)
contains.

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Color

Yxy(17.3924, 0.5110, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	E3006B
RGB	227, 0, 107
RGB Percent	89%, 0%, 42%
CMY	0.1099, 0.9993, 0.5804
CMYK	0.00, 1.00, 0.53, 0.11
HSL	332°, 100%, 45%
HSV	332°, 100%, 89%
XYZ	34.3280, 17.3924, 15.4577
YIQ	80.0710, 100.9450, 81.4010

Conversions

Conversions Part 2

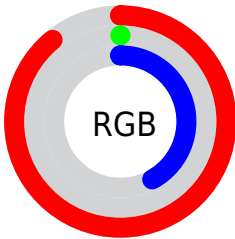
Format	Color
R_{YB}	227, 0, 107
Decimal	14876779
CIE _{Lab}	48.75, 76.98, 7.31
CIE _{LCh}	49, 77.322, 5.421
Yxy	17.3924, 0.5110, 0.2589
Android (android.graphics.Color)	4293066859 (0xFFE3006B)
YUV	80.0710, 13.2760, 128.8567
Hunter-Lab	41.7042, 73.9464, 7.2171

Details

The Yxy color **17.3924, 0.5110, 0.2589** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **56.2892, 0.2702, 0.4928**, and the grayscale version is **8.0172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5573, 0.4327, 0.2660**, and **8.2188, 0.5493, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **17.3872, 0.5112, 0.2590**, and if you desaturate by 10%, it is **18.2683, 0.4857, 0.2513**.

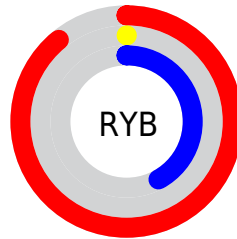
Distribution



Red (89%)

Green (0%)

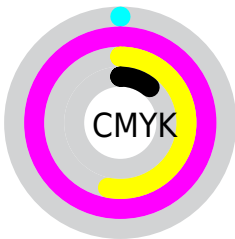
Blue (42%)



Red (89%)

Yellow (0%)

Blue (42%)

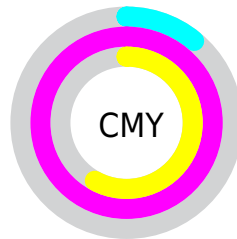


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (11%)



Cyan (11%)


Magenta (100%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3924, 0.5110, 0.2589 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 17.3924, 0.5110, 0.2589 by changing the saturation by 10% instead.


 17.3924, 0.5110,
0.2589


 17.3924, 0.5110,
0.2589

237.4236, 0.3972,
0.3011

 10.5147, 0.5444,
0.2456


 38.9992, 0.4659,
0.2762


 5.7415, 0.5901,
0.2267

 54.4971, 0.4501,
0.2821


 2.6885, 0.6550,
0.1986

 73.6371, 0.4372,
0.2868

 0.9714, 0.7566,
0.1560

 96.8037, 0.4265,
0.2907

 0.0000, 1.0000,
0.0000

 124.3813, 0.4174,
0.2940

 0.0000, 0.0000,
0.0000

 156.7542, 0.4097,

0.2967

194.3068, 0.4030,
0.2991

■ 17.3924, 0.5110,
0.2589

■ 17.3924, 0.5110,
0.2589

■ 17.3872, 0.5112,
0.2590

■ 18.2683, 0.4857,
0.2513

■ 19.8887, 0.4591,
0.2486

■ 22.4804, 0.4326,
0.2512

■ 26.1746, 0.4076,
0.2581

■ 31.0820, 0.3850,
0.2681

■ 37.2996, 0.3652,
0.2799

■ 44.9145, 0.3483,
0.2924

■ 54.0064, 0.3341,
0.3051

■ 64.6487, 0.3224,
0.3174

Harmonies

Analogous

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



17.3924, 0.3592, 0.1926



17.3924, 0.5110, 0.2589



17.3924, 0.5866, 0.3351

Triad

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



17.3924, 0.5110, 0.2589



17.3924, 0.3403, 0.6053



17.3924, 0.1033, 0.1569

Complementary

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



17.3924, 0.5110, 0.2589



56.2892, 0.2702, 0.4928

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.



17.3924, 0.0994, 0.2253



17.3924, 0.5110, 0.2589



17.3924, 0.2222, 0.5584

Square

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



17.3924, 0.5110, 0.2589



17.3924, 0.4605, 0.5246



17.3924, 0.1348, 0.3734



17.3924, 0.1411, 0.1374

Rectangle

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



17.3924, 0.5110, 0.2589



17.3924, 0.5755, 0.3907



17.3924, 0.1348, 0.3734



17.3924, 0.0984, 0.1729

Sweetspot

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



17.3935, 0.5110, 0.2589



58.1822, 0.3487, 0.2921



9.3564, 0.2044, 0.0900



11.5086, 0.3556, 0.2867



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.



17.3935, 0.5110, 0.2589



22.6184, 0.5127, 0.2598



16.4144, 0.6390, 0.3307



14.4804, 0.3219, 0.3180



10.1654, 0.5077, 0.2570



0.7698, 0.4733, 0.2381

Inverse Universe

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



17.3935, 0.5110, 0.2589



22.6184, 0.5127, 0.2598



58.4291, 0.2232, 0.3236



14.4804, 0.3219, 0.3180



10.1654, 0.5077, 0.2570



0.7698, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 17.3924, 0.5110, 0.2589 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 17.3924, 0.5110, 0.2589 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 17.3924, 0.5110, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 17.3924, 0.5110, 0.2589.



This preview shows how white text looks on a background with the Yxy color 17.3924, 0.5110, 0.2589.

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

17.3924, 0.5110, 0.2589

Protanopia

17.9831, 0.2614, 0.2579

Deuteranopia

17.9263, 0.3635, 0.3568



Tritanopia

17.7422, 0.5964, 0.3304

Trichromacy



Original Color

17.3924, 0.5110, 0.2589



Protanomaly

13.3118, 0.3374, 0.2269



Deuteranomaly

14.0093, 0.4296, 0.2862



Tritanomaly

17.1848, 0.5752, 0.3048

Monochromacy



Original Color

17.3924, 0.5110, 0.2589



Achromatopsia

8.0220, 0.3127, 0.3290



Achromatomaly

8.0924, 0.4050, 0.2580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3924, 0.5110, 0.2589 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(227, 0, 107)` looks like.

```
.text, #text, p{  
  color:rgb(227, 0, 107)  
}
```

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(227, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 107) }
```

Border

The CSS property to change the border of an element to Yxy 17.3924, 0.5110, 0.2589 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(227, 0, 107) }
```

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

```
.border{ border-color:rgb(227, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3924, 0.5110, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 107) }
```

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

```
.background{ background-color: rgb(227, 0,  
107) }
```

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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