

Converting Colors

$Y_{xy}(16.6535, 0.4379, 0.2674)$

Have a look what the booklet for
Yxy(16.6535, 0.4379, 0.2674)
contains.

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Color

Yxy(16.6127, 0.4375, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	C14374
RGB	193, 67, 116
RGB Percent	76%, 26%, 45%
CMY	0.2432, 0.7372, 0.5451
CMYK	0.00, 0.65, 0.40, 0.24
HSL	337°, 50%, 51%
HSV	337°, 65%, 76%
XYZ	27.1500, 16.6127, 18.2944
YIQ	110.2600, 59.3670, 41.9510

Conversions

Conversions Part 2

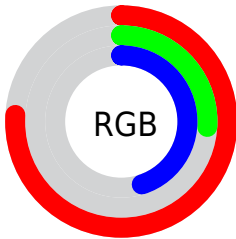
Format	Color
R_{YB}	193, 67, 116
Decimal	12665716
CIE Lab	47.77, 54.43, -0.42
CIE LCh	48, 54.430, 359.562
Yxy	16.6127, 0.4375, 0.2677
Android (android.graphics.Color)	4290855796 (0xFFC14374)
YUV	110.2600, 2.8298, 72.5630
Hunter-Lab	40.7587, 47.5740, 1.9189

Details

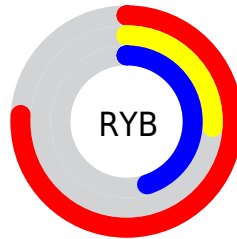
The Yxy color **16.6127, 0.4375, 0.2677** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **41.3453, 0.2622, 0.4104**, and the grayscale version is **15.6521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6289, 0.4082, 0.2817**, and **5.5683, 0.4890, 0.2468** is the 20% darker color. If you saturate the color by 10%, you get **14.4308, 0.4682, 0.2645**, and if you desaturate by 10%, it is **19.5957, 0.4093, 0.2744**.

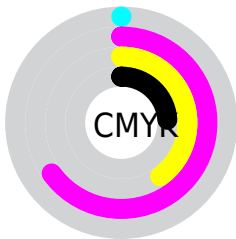
Distribution



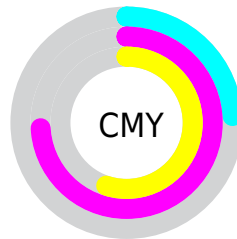
- Red (76%)
- Green (26%)
- Blue (45%)



- Red (76%)
- Yellow (26%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (40%)
- Black (24%)




- Cyan (24%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6127, 0.4375, 0.2677 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 16.6127, 0.4375, 0.2677 by changing the saturation by 10% instead.


 16.6127, 0.4375,
0.2677


 16.6127, 0.4375,
0.2677


232.9305, 0.3651,
0.3032

 9.9587, 0.4597,
0.2569


 37.6587, 0.4084,
0.2820


 5.3716, 0.4911,
0.2415

 52.8195, 0.3983,
0.2869


 2.4669, 0.5385,
0.2185

 71.5847, 0.3902,
0.2909

 0.8600, 0.6166,
0.1806

 94.3386, 0.3834,
0.2942

 0.0000, 1.0000,
0.0000

 121.4658, 0.3778,
0.2970

 0.0000, 0.0000,
0.0000

153.3506, 0.3729,

0.2993

190.3774, 0.3688,
0.3014

■ 16.6127, 0.4375,
0.2677

■ 16.6127, 0.4375,
0.2677

■ 14.4308, 0.4682,
0.2645

■ 19.5957, 0.4093,
0.2744

■ 12.9667, 0.4996,
0.2659

■ 23.4468, 0.3844,
0.2833

■ 12.1226, 0.5296,
0.2725

■ 28.2290, 0.3631,
0.2934

■ 11.8449, 0.5431,
0.2766

■ 33.9988, 0.3452,
0.3039

■ 40.8079, 0.3304,
0.3142

■ 48.7046, 0.3182,
0.3240

■ 57.7340, 0.3082,
0.3333

■ 67.9386, 0.3000,
0.3418

■ 79.3590, 0.2933,
0.3497

Harmonies

Analogous

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



16.6127, 0.3276, 0.2148



16.6127, 0.4375, 0.2677



16.6127, 0.5102, 0.3332

Triad

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



16.6127, 0.4375, 0.2677



16.6127, 0.3676, 0.5265



16.6127, 0.1426, 0.2060

Complementary

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



16.6127, 0.4375, 0.2677



41.3453, 0.2622, 0.4104

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.



16.6127, 0.1482, 0.2750



16.6127, 0.4375, 0.2677



16.6127, 0.2710, 0.5000

Square

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



16.6127, 0.4375, 0.2677



16.6127, 0.4558, 0.4773



16.6127, 0.1910, 0.3896



16.6127, 0.1694, 0.1791

Rectangle

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



16.6127, 0.4375, 0.2677



16.6127, 0.5194, 0.3803



16.6127, 0.1910, 0.3896



16.6127, 0.1407, 0.2237

Sweetspot

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



16.6136, 0.4375, 0.2677



66.7099, 0.3375, 0.3090



13.6706, 0.2588, 0.1546



13.5873, 0.3418, 0.3061



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.



16.6136, 0.4375, 0.2677



24.6677, 0.4806, 0.2644



17.4231, 0.5110, 0.3445



10.1413, 0.3229, 0.3201



7.8935, 0.5398, 0.2747



0.3546, 0.4799, 0.2417

Inverse Universe

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



16.6136, 0.4375, 0.2677



24.6677, 0.4806, 0.2644



37.8465, 0.2315, 0.3091



10.1413, 0.3229, 0.3201



7.8935, 0.5398, 0.2747



0.3546, 0.4799, 0.2417

Previews

White Background



This preview shows how the Yxy color 16.6127, 0.4375, 0.2677 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 16.6127, 0.4375, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

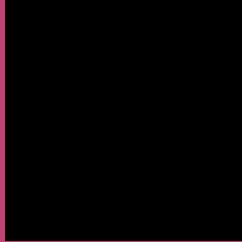
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.6127, 0.4375, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 16.6127, 0.4375, 0.2677.



This preview shows how white text looks on a background with the Yxy color 16.6127, 0.4375, 0.2677.

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

16.6127, 0.4375, 0.2677

Protanopia

16.8880, 0.2700, 0.2701

Deuteranopia

16.7897, 0.3360, 0.3291



Tritanopia

16.5585, 0.4920, 0.3233

Trichromacy



Original Color

16.6127, 0.4375, 0.2677

Protanomaly

15.4902, 0.3215, 0.2625

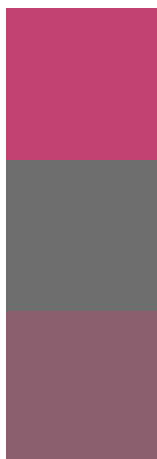
Deuteranomaly

15.7546, 0.3731, 0.2985

Tritanomaly

16.5014, 0.4733, 0.3030

Monochromacy



Original Color

16.6127, 0.4375, 0.2677

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.7507, 0.3567, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6127, 0.4375, 0.2677 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(193, 67, 116)` looks like.

```
.text, #text, p{  
  color:rgb(193, 67, 116)  
}
```

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(193, 67, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 67, 116) }
```

Border

The CSS property to change the border of an element to Yxy 16.6127, 0.4375, 0.2677 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(193, 67, 116) }
```

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

```
.border{ border-color:rgb(193, 67, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 67, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 67, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 67, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 67,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6127, 0.4375, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 67, 116) }
```

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

```
.background{ background-color: rgb(193, 67,  
116) }
```

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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