

Converting Colors

$Y_{xy}(15.7599, 0.4761, 0.2410)$

Have a look what the booklet for
Yxy(15.7599, 0.4761, 0.2410)
contains.

Yxy(15.7127, 0.4756, 0.2406)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.7127, 0.4756, 0.2406)

Conversions

Conversions Part 1

Format	Color
Hex	D60576
RGB	214, 5, 118
RGB Percent	84%, 2%, 46%
CMY	0.1607, 0.9807, 0.5373
CMYK	0.00, 0.98, 0.45, 0.16
HSL	328°, 96%, 43%
HSV	328°, 98%, 84%
XYZ	31.0597, 15.7127, 18.5339
YIQ	80.3730, 88.2910, 79.4510

Conversions

Conversions Part 2

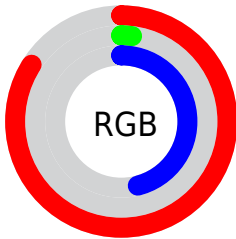
Format	Color
R_{YB}	214, 5, 118
Decimal	14026102
CIE _{Lab}	46.60, 74.59, -2.92
CIE _{LCh}	47, 74.644, 357.760
Yxy	15.7127, 0.4756, 0.2406
Android (android.graphics.Color)	4292216182 (0xFFD60576)
YUV	80.3730, 18.5501, 117.1909
Hunter-Lab	39.6392, 70.4966, 0.0255

Details

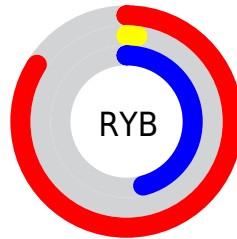
The Yxy color **15.7127, 0.4756, 0.2406** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **49.0727, 0.2759, 0.5117**, and the grayscale version is **8.0399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8166, 0.4167, 0.2534**, and **7.2145, 0.5106, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **15.5538, 0.4806, 0.2421**, and if you desaturate by 10%, it is **16.6059, 0.4540, 0.2356**.

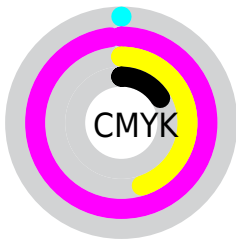
Distribution



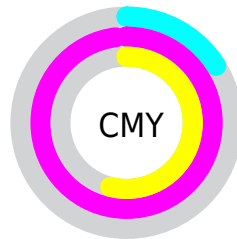
- Red (84%)
- Green (2%)
- Blue (46%)



- Red (84%)
- Yellow (2%)
- Blue (46%)



- Cyan (0%)
- Magenta (98%)
- Yellow (45%)
- Black (16%)





- Cyan (16%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7127, 0.4756, 0.2406 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 15.7127, 0.4756, 0.2406 by changing the saturation by 10% instead.


 15.7127, 0.4756,
0.2406


 15.7127, 0.4756,
0.2406


227.6404, 0.3817,
0.2909


 9.3211, 0.5038,
0.2258


 36.0987, 0.4381,
0.2605

 4.9512, 0.5431,
0.2055

 50.8619, 0.4250,
0.2675

 2.2187, 0.6006,
0.1761

 69.1844, 0.4144,
0.2732

 0.7301, 0.6910,
0.1304

 91.4506, 0.4056,
0.2779

 0.0000, 1.0000,
0.0000

 118.0449, 0.3982,
0.2819

 0.0000, 0.0000,
0.0000

 149.3517, 0.3919,

0.2854

185.7554, 0.3864,
0.2883

■ 15.7127, 0.4756,
0.2406

■ 15.7127, 0.4756,
0.2406

■ 15.5538, 0.4806,
0.2421

■ 16.6059, 0.4540,
0.2356

■ 18.2152, 0.4318,
0.2359

■ 20.6922, 0.4099,
0.2411

■ 24.1453, 0.3895,
0.2504

■ 28.6666, 0.3710,
0.2625

■ 34.3375, 0.3547,
0.2762

■ 41.2316, 0.3408,
0.2906

■ 49.4161, 0.3290,
0.3049

■ 58.9534, 0.3192,
0.3188

Harmonies

Analogous

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



15.7127, 0.3201, 0.1792



15.7127, 0.4756, 0.2406



15.7127, 0.5779, 0.3152

Triad

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



15.7127, 0.4756, 0.2406



15.7127, 0.3714, 0.5910



15.7127, 0.0994, 0.1688

Complementary

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



15.7127, 0.4756, 0.2406



49.0727, 0.2759, 0.5117

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.



15.7127, 0.1043, 0.2547



15.7127, 0.4756, 0.2406



15.7127, 0.2512, 0.5880

Square

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



15.7127, 0.4756, 0.2406



15.7127, 0.4891, 0.4982



15.7127, 0.1524, 0.4232



15.7127, 0.1280, 0.1392

Rectangle

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



15.7127, 0.4756, 0.2406



15.7127, 0.5846, 0.3687



15.7127, 0.1524, 0.4232



15.7127, 0.0972, 0.1895

Sweetspot

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



15.7136, 0.4756, 0.2406



59.5507, 0.3429, 0.2883



7.6162, 0.1945, 0.0854



11.7796, 0.3488, 0.2821



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.



15.7136, 0.4756, 0.2406



23.0920, 0.4825, 0.2432



14.4413, 0.6321, 0.3274



12.5320, 0.3207, 0.3165



9.4207, 0.4776, 0.2405



0.5848, 0.4432, 0.2215

Inverse Universe

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



15.7136, 0.4756, 0.2406



23.0920, 0.4825, 0.2432



52.4730, 0.2291, 0.3439



12.5320, 0.3207, 0.3165



9.4207, 0.4776, 0.2405



0.5848, 0.4432, 0.2215

Previews

White Background



This preview shows how the Yxy color 15.7127, 0.4756, 0.2406 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 15.7127, 0.4756, 0.2406 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 15.7127, 0.4756, 0.2406

Background



This preview shows how black text looks on a background with the Yxy color 15.7127, 0.4756, 0.2406.



This preview shows how white text looks on a background with the Yxy color 15.7127, 0.4756, 0.2406.

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

15.7127, 0.4756, 0.2406

Protanopia

16.2783, 0.2327, 0.2209

Deuteranopia

16.1143, 0.3336, 0.3271



Tritanopia

15.9481, 0.5803, 0.3290

Trichromacy



Original Color

15.7127, 0.4756, 0.2406



Protanomaly

12.1033, 0.2969, 0.1990



Deuteranomaly

12.8444, 0.3916, 0.2636



Tritanomaly

15.3629, 0.5528, 0.2971

Monochromacy



Original Color

15.7127, 0.4756, 0.2406



Achromatopsia

8.0220, 0.3127, 0.3290



Achromatomaly

8.0215, 0.3876, 0.2518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7127, 0.4756, 0.2406 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(214, 5, 118)` looks like.

```
.text, #text, p{  
    color:rgb(214, 5, 118)  
}
```

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(214, 5, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 5, 118) }
```

Border

The CSS property to change the border of an element to Yxy 15.7127, 0.4756, 0.2406 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(214, 5, 118) }
```

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

```
.border{ border-color:rgb(214, 5, 118) }
```

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

Here you see how a box with a 4 pixel rgb(214, 5, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 5, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 5, 118);  
box-shadow:4px 4px 4px 4px rgb(214, 5,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7127, 0.4756, 0.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 5, 118) }
```

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

```
.background{ background-color: rgb(214, 5,  
118) }
```

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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