

Converting Colors

$Yxy(16.4784, 0.4739, 0.2426)$

Have a look what the booklet for
Yxy(16.4784, 0.4739, 0.2426)
contains.

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Color

Yxy(16.4784, 0.4739, 0.2426)

Conversions

Conversions Part 1

Format	Color
Hex	D91078
RGB	217, 16, 120
RGB Percent	85%, 6%, 47%
CMY	0.1491, 0.9370, 0.5294
CMYK	0.00, 0.93, 0.45, 0.15
HSL	329°, 86%, 46%
HSV	329°, 93%, 85%
XYZ	32.1893, 16.4784, 19.2565
YIQ	87.9550, 86.4120, 74.9560

Conversions

Conversions Part 2

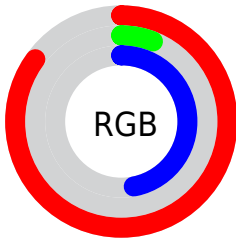
Format	Color
R_{YB}	217, 16, 120
Decimal	14225528
CIE _{Lab}	47.60, 74.40, -2.61
CIE _{LCh}	48, 74.445, 357.987
Yxy	16.4784, 0.4739, 0.2426
Android (android.graphics.Color)	4292415608 (0xFFD91078)
YUV	87.9550, 15.7982, 113.1725
Hunter-Lab	40.5936, 70.5053, 0.2900

Details

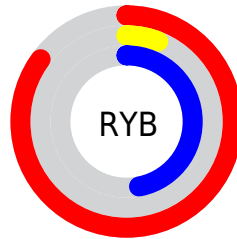
The Yxy color **16.4784, 0.4739, 0.2426** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **50.9253, 0.2721, 0.4948**, and the grayscale version is **9.7086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4230, 0.4133, 0.2539**, and **7.5358, 0.5093, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **15.9258, 0.4908, 0.2477**, and if you desaturate by 10%, it is **17.7467, 0.4504, 0.2396**.

Distribution



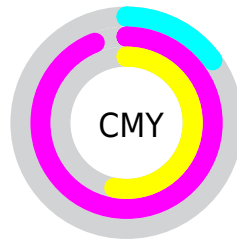
- Red (85%)
- Green (6%)
- Blue (47%)



- Red (85%)
- Yellow (6%)
- Blue (47%)



- Cyan (0%)
- Magenta (93%)
- Yellow (45%)
- Black (15%)





- Cyan (15%)
- Magenta (94%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4784, 0.4739, 0.2426 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 16.4784, 0.4739, 0.2426 by changing the saturation by 10% instead.


 16.4784, 0.4739,
0.2426


 16.4784, 0.4739,
0.2426


232.1483, 0.3815,
0.2916


 9.8633, 0.5014,
0.2283


 37.4268, 0.4371,
0.2619


 5.3084, 0.5395,
0.2087

 52.5288, 0.4243,
0.2687


 2.4293, 0.5951,
0.1805

 71.2287, 0.4139,
0.2742

 0.8409, 0.6810,
0.1379

 93.9107, 0.4052,
0.2789

 0.0000, 1.0000,
0.0000

 120.9592, 0.3978,
0.2828

 0.0000, 0.0000,
0.0000

 152.7588, 0.3916,

0.2861

189.6937, 0.3862,
0.2890

■ 16.4784, 0.4739,
0.2426

■ 16.4784, 0.4739,
0.2426

■ 15.9258, 0.4908,
0.2477

■ 17.7467, 0.4504,
0.2396

■ 19.8487, 0.4268,
0.2420

■ 22.9089, 0.4041,
0.2490

■ 27.0300, 0.3834,
0.2593

■ 32.3015, 0.3650,
0.2718

■ 38.8033, 0.3491,
0.2854

■ 46.6079, 0.3356,
0.2992

■ 55.7824, 0.3243,
0.3128

■ 66.3891, 0.3149,
0.3258

Harmonies

Analogous

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



16.4784, 0.3213, 0.1815



16.4784, 0.4739, 0.2426



16.4784, 0.5740, 0.3169

Triad

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



16.4784, 0.4739, 0.2426



16.4784, 0.3711, 0.5878



16.4784, 0.1018, 0.1708

Complementary

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



16.4784, 0.4739, 0.2426



50.9253, 0.2721, 0.4948

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.



16.4784, 0.1067, 0.2555



16.4784, 0.4739, 0.2426



16.4784, 0.2522, 0.5817

Square

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



16.4784, 0.4739, 0.2426



16.4784, 0.4864, 0.4974



16.4784, 0.1544, 0.4201



16.4784, 0.1306, 0.1414

Rectangle

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



16.4784, 0.4739, 0.2426



16.4784, 0.5807, 0.3702



16.4784, 0.1544, 0.4201



16.4784, 0.0996, 0.1913

Sweetspot

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



16.4794, 0.4739, 0.2426



60.5708, 0.3429, 0.2914



8.6864, 0.2032, 0.0923



11.9671, 0.3491, 0.2853



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.



16.4794, 0.4739, 0.2426



22.9236, 0.4926, 0.2488



15.1840, 0.6248, 0.3277



13.1635, 0.3211, 0.3170



9.6630, 0.4877, 0.2460



0.6434, 0.4531, 0.2270

Inverse Universe

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



16.4794, 0.4739, 0.2426



22.9236, 0.4926, 0.2488



54.3996, 0.2282, 0.3383



13.1635, 0.3211, 0.3170



9.6630, 0.4877, 0.2460



0.6434, 0.4531, 0.2270

Previews

White Background



This preview shows how the Yxy color 16.4784, 0.4739, 0.2426 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 16.4784, 0.4739, 0.2426 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 16.4784, 0.4739, 0.2426

Background



This preview shows how black text looks on a background with the Yxy color 16.4784, 0.4739, 0.2426.



This preview shows how white text looks on a background with the Yxy color 16.4784, 0.4739, 0.2426.

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

16.4784, 0.4739, 0.2426

Protanopia

16.9083, 0.2352, 0.2239

Deuteranopia

16.7352, 0.3333, 0.3271



Tritanopia

16.5730, 0.5780, 0.3290

Trichromacy



Original Color

16.4784, 0.4739, 0.2426



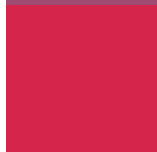
Protanomaly

13.0637, 0.2999, 0.2065



Deuteranomaly

13.7547, 0.3891, 0.2687



Tritanomaly

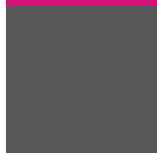
16.1273, 0.5494, 0.2987

Monochromacy



Original Color

16.4784, 0.4739, 0.2426



Achromatopsia

9.7587, 0.3127, 0.3290



Achromatomaly

9.5162, 0.3820, 0.2594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4784, 0.4739, 0.2426 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, 16, 120)` looks like.

```
.text, #text, p{  
    color:rgb(217, 16, 120)  
}
```

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, 16, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 16, 120) }
```

Border

The CSS property to change the border of an element to Yxy 16.4784, 0.4739, 0.2426 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, 16, 120) }
```

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

```
.border{ border-color:rgb(217, 16, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 16, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 16, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 16, 120);  
box-shadow:4px 4px 4px 4px rgb(217, 16,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4784, 0.4739, 0.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 16, 120) }
```

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

```
.background{ background-color: rgb(217, 16,  
120) }
```

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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