

Converting Colors

$Yxy(18.4187, 0.4529, 0.2485)$

Have a look what the booklet for
Yxy(18.4187, 0.4529, 0.2485)
contains.

Yxy(18.4241, 0.4524, 0.2483)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.4241, 0.4524, 0.2483)

Conversions

Conversions Part 1

Format	Color
Hex	D93080
RGB	217, 48, 128
RGB Percent	85%, 19%, 50%
CMY	0.1490, 0.8117, 0.4980
CMYK	0.00, 0.78, 0.41, 0.15
HSL	332°, 69%, 52%
HSV	332°, 78%, 85%
XYZ	33.5685, 18.4241, 22.2083
YIQ	107.6510, 75.0440, 60.7080

Conversions

Conversions Part 2

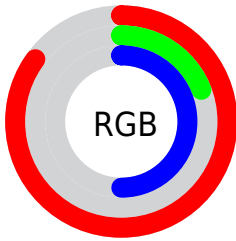
Format	Color
R _Y B	217, 48, 128
Decimal	14233728
CIE Lab	50.01, 68.92, -3.92
CIE LCh	50, 69.029, 356.741
Yxy	18.4241, 0.4524, 0.2483
Android (android.graphics.Color)	4292423808 (0xFFD93080)
YUV	107.6510, 10.0321, 95.8991
Hunter-Lab	42.9233, 64.4816, -0.6301

Details

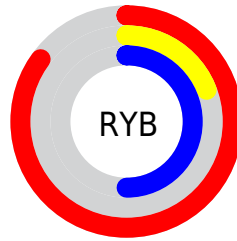
The Yxy color **18.4241, 0.4524, 0.2483** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **52.0612, 0.2663, 0.4538**, and the grayscale version is **14.8510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9651, 0.3977, 0.2588**, and **7.7326, 0.4920, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **16.7787, 0.4789, 0.2497**, and if you desaturate by 10%, it is **20.9727, 0.4263, 0.2520**.

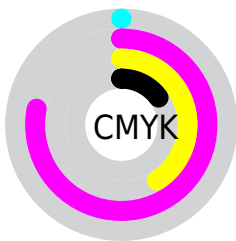
Distribution



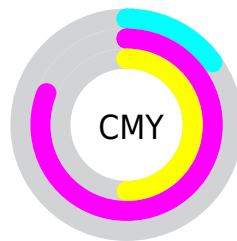
- Red (85%)
- Green (19%)
- Blue (50%)



- Red (85%)
- Yellow (19%)
- Blue (50%)



- Cyan (0%)
- Magenta (78%)
- Yellow (41%)
- Black (15%)




- Cyan (15%)
- Magenta (81%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4241, 0.4524, 0.2483 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 18.4241, 0.4524, 0.2483 by changing the saturation by 10% instead.


 18.4241, 0.4524,
0.2483


 18.4241, 0.4524,
0.2483


243.2507, 0.3734,
0.2932


 11.2549, 0.4755,
0.2355


 40.7587, 0.4213,
0.2658


 6.2386, 0.5073,
0.2181

 56.6928, 0.4103,
0.2720


 2.9907, 0.5535,
0.1934

 76.3174, 0.4014,
0.2771

 1.1269, 0.6251,
0.1562

 100.0168, 0.3939,
0.2813

 0.0007, 0.8785,
0.0003

 128.1755, 0.3876,
0.2850

 0.0000, 1.0000,
0.0000

161.1778, 0.3822,

 0.0000, 0.0000,

0.2881

0.0000

199.4080, 0.3775,
0.2908

■ 18.4241, 0.4524,
0.2483

■ 18.4241, 0.4524,
0.2483

■ 16.7787, 0.4789,
0.2497

■ 20.9727, 0.4263,
0.2520

■ 15.8747, 0.5043,
0.2564

■ 24.5343, 0.4020,
0.2598

■ 15.7253, 0.5096,
0.2581

■ 29.2058, 0.3801,
0.2702

■ 35.0722, 0.3611,
0.2823

■ 42.2098, 0.3450,
0.2950

■ 50.6887, 0.3314,
0.3076

■ 60.5738, 0.3202,
0.3199

■ 71.9257, 0.3109,
0.3314

■ 84.8016, 0.3032,
0.3421

Harmonies

Analogous

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



18.4241, 0.3162, 0.1912



18.4241, 0.4524, 0.2483



18.4241, 0.5469, 0.3195

Triad

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



18.4241, 0.4524, 0.2483



18.4241, 0.3782, 0.5628



18.4241, 0.1158, 0.1870

Complementary

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



18.4241, 0.4524, 0.2483



52.0612, 0.2663, 0.4538

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.



18.4241, 0.1234, 0.2701



18.4241, 0.4524, 0.2483



18.4241, 0.2667, 0.5540

Square

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



18.4241, 0.4524, 0.2483



18.4241, 0.4814, 0.4861



18.4241, 0.1728, 0.4178



18.4241, 0.1420, 0.1558

Rectangle

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



18.4241, 0.4524, 0.2483



18.4241, 0.5590, 0.3708



18.4241, 0.1728, 0.4178



18.4241, 0.1144, 0.2077

Sweetspot

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



18.4251, 0.4524, 0.2483



66.2858, 0.3383, 0.3009



12.3024, 0.2300, 0.1198



13.2678, 0.3435, 0.2963



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.



18.4251, 0.4524, 0.2483



23.3021, 0.4942, 0.2532



17.3180, 0.5811, 0.3319



13.1536, 0.3218, 0.3180



9.5402, 0.5062, 0.2562



0.6354, 0.4681, 0.2352

Inverse Universe

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



18.4251, 0.4524, 0.2483



23.3021, 0.4942, 0.2532



53.8248, 0.2283, 0.3248



13.1536, 0.3218, 0.3180



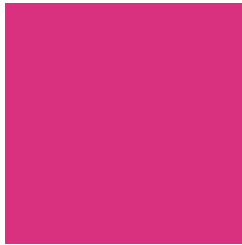
9.5402, 0.5062, 0.2562



0.6354, 0.4681, 0.2352

Previews

White Background



This preview shows how the Yxy color 18.4241, 0.4524, 0.2483 looks on a white background.

Color Contrast Check

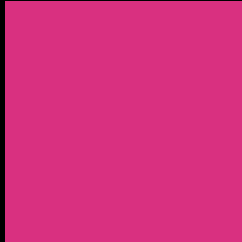
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 18.4241, 0.4524, 0.2483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

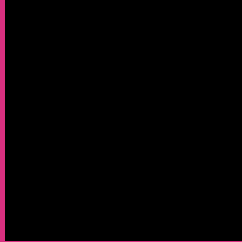
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4241, 0.4524, 0.2483

Background



This preview shows how black text looks on a background with the Yxy color 18.4241, 0.4524, 0.2483.



This preview shows how white text looks on a background with the Yxy color 18.4241, 0.4524, 0.2483.

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

18.4241, 0.4524, 0.2483

Protanopia

18.7602, 0.2432, 0.2351

Deuteranopia

18.6721, 0.3273, 0.3217



Tritanopia

18.3564, 0.5397, 0.3259

Trichromacy



Original Color

18.4241, 0.4524, 0.2483



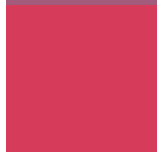
Protanomaly

16.1583, 0.3016, 0.2275



Deuteranomaly

16.5936, 0.3729, 0.2785



Tritanomaly

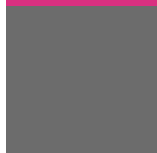
18.1623, 0.5118, 0.2985

Monochromacy



Original Color

18.4241, 0.4524, 0.2483



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.1893, 0.3668, 0.2793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4241, 0.4524, 0.2483 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, 48, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 48, 128)  
}
```

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, 48, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 48, 128) }
```

Border

The CSS property to change the border of an element to Yxy 18.4241, 0.4524, 0.2483 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, 48, 128) }
```

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

```
.border{ border-color:rgb(217, 48, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 48, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 48, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 48, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 48,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4241, 0.4524, 0.2483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 48, 128) }
```

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

```
.background{ background-color: rgb(217, 48,  
128) }
```

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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