

Converting Colors

$Yxy(18.4187, 0.4448, 0.2561)$

Have a look what the booklet for
Yxy(18.4187, 0.4448, 0.2561)
contains.

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Color

Yxy(18.4397, 0.4438, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	D23C7E
RGB	210, 60, 126
RGB Percent	82%, 24%, 49%
CMY	0.1766, 0.7645, 0.5059
CMYK	0.00, 0.71, 0.40, 0.18
HSL	334°, 62%, 53%
HSV	334°, 71%, 82%
XYZ	31.9545, 18.4397, 21.6078
YIQ	112.3740, 68.2140, 52.3260

Conversions

Conversions Part 2

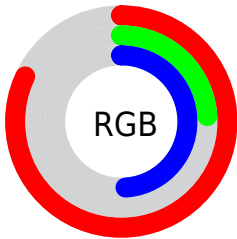
Format	Color
R_{YB}	210, 60, 126
Decimal	13778046
CIE Lab	50.03, 63.08, -2.82
CIE LCh	50, 63.142, 357.439
Yxy	18.4397, 0.4438, 0.2561
Android (android.graphics.Color)	4291968126 (0xFFD23C7E)
YUV	112.3740, 6.7176, 85.6180
Hunter-Lab	42.9415, 57.6814, 0.2248

Details

The Yxy color **18.4397, 0.4438, 0.2561** 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 **49.0590, 0.2643, 0.4330**, and the grayscale version is **16.2889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4715, 0.3982, 0.2672**, and **7.0199, 0.4870, 0.2456** is the 20% darker color. If you saturate the color by 10%, you get **16.3724, 0.4722, 0.2548**, and if you desaturate by 10%, it is **21.4172, 0.4168, 0.2619**.

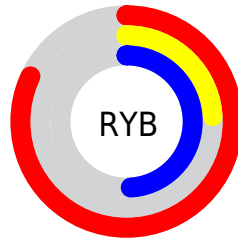
Distribution



Red (82%)

Green (24%)

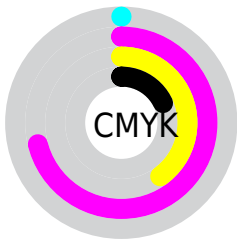
Blue (49%)



Red (82%)

Yellow (24%)

Blue (49%)

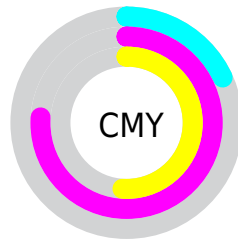


Cyan (0%)

Magenta (71%)

Yellow (40%)

Black (18%)



Cyan (18%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4397, 0.4438, 0.2561 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 18.4397, 0.4438, 0.2561 by changing the saturation by 10% instead.


 18.4397, 0.4438,
0.2561


 18.4397, 0.4438,
0.2561


243.3379, 0.3694,
0.2970


 11.2661, 0.4658,
0.2443


 40.7851, 0.4144,
0.2721


 6.2461, 0.4962,
0.2280


 56.7258, 0.4041,
0.2778

 2.9953, 0.5408,
0.2046

 76.3576, 0.3956,
0.2824

 1.1293, 0.6110,
0.1686

 100.0650, 0.3886,
0.2863

 0.0028, 0.8963,
0.0014

 128.2323, 0.3827,
0.2896

 0.0000, 1.0000,
0.0000

161.2440, 0.3776,

 0.0000, 0.0000,

0.2924

0.0000

199.4844, 0.3732,
0.2948

■ 18.4397, 0.4438,
0.2561

■ 18.4397, 0.4438,
0.2561

■ 16.3724, 0.4722,
0.2548

■ 21.4172, 0.4168,
0.2619

■ 15.1010, 0.5004,
0.2587


■ 25.3953, 0.3923,
0.2707

■ 14.4771, 0.5234,
0.2657


■ 30.4566, 0.3708,
0.2815

■ 36.6743, 0.3526,
0.2932

■ 44.1152, 0.3372,
0.3050

 52.8407, 0.3245,
0.3166

 62.9084, 0.3140,
0.3275

 74.3721, 0.3054,
0.3377

 87.2829, 0.2983,
0.3472

Harmonies

Analogous

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



18.4397, 0.3196, 0.2011



18.4397, 0.4438, 0.2561



18.4397, 0.5293, 0.3248

Triad

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



18.4397, 0.4438, 0.2561



18.4397, 0.3758, 0.5464



18.4397, 0.1275, 0.1965

Complementary

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



18.4397, 0.4438, 0.2561



49.0590, 0.2643, 0.4330

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.



18.4397, 0.1350, 0.2742



18.4397, 0.4438, 0.2561



18.4397, 0.2707, 0.5301

Square

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



18.4397, 0.4438, 0.2561



18.4397, 0.4717, 0.4818



18.4397, 0.1823, 0.4068



18.4397, 0.1535, 0.1664

Rectangle

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



18.4397, 0.4438, 0.2561



18.4397, 0.5413, 0.3744



18.4397, 0.1823, 0.4068



18.4397, 0.1261, 0.2162

Sweetspot

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



18.4407, 0.4438, 0.2561



68.6797, 0.3370, 0.3052



13.6843, 0.2437, 0.1362



13.9660, 0.3410, 0.3020



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.



18.4407, 0.4438, 0.2561



24.1736, 0.4880, 0.2563



18.1041, 0.5474, 0.3368



11.8934, 0.3223, 0.3188



8.8524, 0.5198, 0.2637



0.5108, 0.4742, 0.2386

Inverse Universe

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



18.4407, 0.4438, 0.2561



24.1736, 0.4880, 0.2563



48.0812, 0.2297, 0.3180



11.8934, 0.3223, 0.3188



8.8524, 0.5198, 0.2637



0.5108, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 18.4397, 0.4438, 0.2561 looks on a white background.

Color Contrast Check

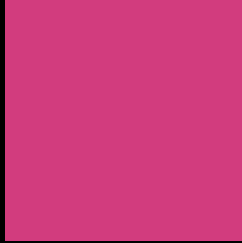
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4397, 0.4438, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

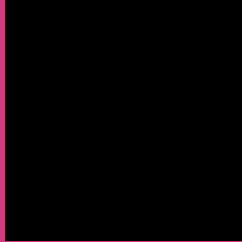
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4397, 0.4438, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 18.4397, 0.4438, 0.2561.



This preview shows how white text looks on a background with the Yxy color 18.4397, 0.4438, 0.2561.

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

18.4397, 0.4438, 0.2561

Protanopia

18.7270, 0.2549, 0.2492

Deuteranopia

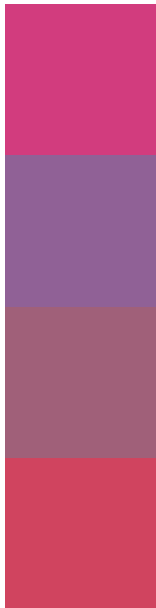
18.7043, 0.3311, 0.3254



Tritanopia

18.4359, 0.5169, 0.3243

Trichromacy



Original Color

18.4397, 0.4438, 0.2561

Protanomaly

16.6807, 0.3088, 0.2421

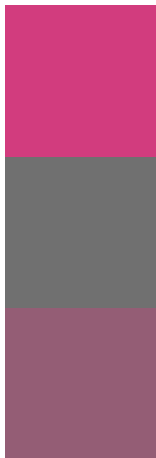
Deuteranomaly

17.2198, 0.3713, 0.2889

Tritanomaly

18.3704, 0.4918, 0.2997

Monochromacy



Original Color

18.4397, 0.4438, 0.2561

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.4090, 0.3612, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4397, 0.4438, 0.2561 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(210, 60, 126)` looks like.

```
.text, #text, p{  
    color:rgb(210, 60, 126)  
}
```

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(210, 60, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 60, 126) }
```

Border

The CSS property to change the border of an element to Yxy 18.4397, 0.4438, 0.2561 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(210, 60, 126) }
```

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

```
.border{ border-color:rgb(210, 60, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 60, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 60, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 60, 126);  
box-shadow:4px 4px 4px 4px rgb(210, 60,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4397, 0.4438, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 60, 126) }
```

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

```
.background{ background-color: rgb(210, 60,  
126) }
```

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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