

Converting Colors

$Y_{xy}(18.9476, 0.4779, 0.2788)$

Have a look what the booklet for
Yxy(18.9476, 0.4779, 0.2788)
contains.

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Color

Yxy(18.9964, 0.4786, 0.2797)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D73E6D |
| RGB | 215, 62, 109 |
| RGB Percent | 84%, 24%, 43% |
| CMY | 0.1569, 0.7568, 0.5726 |
| CMYK | 0.00, 0.71, 0.49, 0.16 |
| HSL | 342°, 66%, 54% |
| HSV | 342°, 71%, 84% |
| XYZ | 32.5051, 18.9964, 16.4156 |
| YIQ | 113.1050, 76.1010, 47.0530 |

Conversions

Conversions Part 2

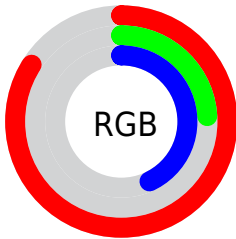
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 62, 109 |
| Decimal | 14106221 |
| CIE Lab | 50.68, 62.23, 8.52 |
| CIE LCh | 51, 62.811, 7.800 |
| Yxy | 18.9964, 0.4786, 0.2797 |
| Android (android.graphics.Color) | 4292296301 (0xFFD73E6D) |
| YUV | 113.1050, -2.0238, 89.3619 |
| Hunter-Lab | 43.5849, 56.8498, 8.1788 |

Details

The Yxy color **18.9964, 0.4786, 0.2797** 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 **52.4512, 0.2542, 0.3997**, and the grayscale version is **16.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2310, 0.4206, 0.2884**, and **7.2178, 0.5334, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **16.8088, 0.5149, 0.2808**, and if you desaturate by 10%, it is **22.1649, 0.4436, 0.2826**.

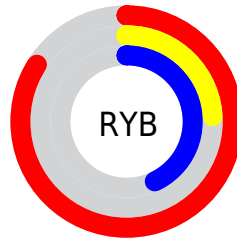
Distribution



Red (84%)

Green (24%)

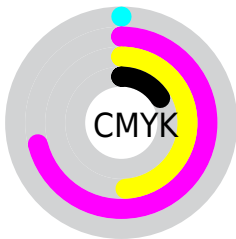
Blue (43%)



Red (84%)

Yellow (24%)

Blue (43%)

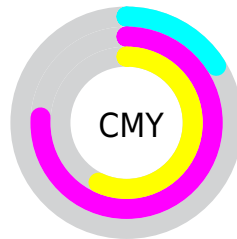


Cyan (0%)

Magenta (71%)

Yellow (49%)

Black (16%)



Cyan (16%)

Magenta (76%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9964, 0.4786, 0.2797 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 18.9964, 0.4786, 0.2797 by changing the saturation by 10% instead.


 18.9964, 0.4786,
0.2797


 18.9964, 0.4786,
0.2797


246.4289, 0.3837,
0.3099

 11.6677, 0.5067,
0.2699


 41.7280, 0.4410,
0.2922


 6.5178, 0.5454,
0.2557


 57.8997, 0.4278,
0.2965


 3.1624, 0.6014,
0.2338

 77.7878, 0.4170,
0.2998

 1.2171, 0.6892,
0.1981

 101.7768, 0.4081,
0.3026

 0.0756, 0.9604,
0.0396

 130.2510, 0.4006,
0.3049

 0.0000, 1.0000,
0.0000

163.5948, 0.3941,

 0.0000, 0.0000,

0.3068

0.0000

202.1926, 0.3885,
0.3084

■ 18.9964, 0.4786,
0.2797

■ 18.9964, 0.4786,
0.2797

■ 16.8088, 0.5149,
0.2808

■ 22.1649, 0.4436,
0.2826

■ 15.4798, 0.5494,
0.2866


■ 26.4111, 0.4119,
0.2884


■ 14.8395, 0.5763,
0.2948


■ 31.8236, 0.3844,
0.2958

■ 38.4808, 0.3614,
0.3040

■ 46.4544, 0.3423,
0.3124

 55.8104, 0.3267,
0.3205

 66.6106, 0.3140,
0.3282

 78.9128, 0.3037,
0.3353

 92.4419, 0.2952,
0.3412

Harmonies

Analogous

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



18.9964, 0.3620, 0.2191



18.9964, 0.4786, 0.2797



18.9964, 0.5372, 0.3505

Triad

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



18.9964, 0.4786, 0.2797



18.9964, 0.3397, 0.5503



18.9964, 0.1346, 0.1834

Complementary

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



18.9964, 0.4786, 0.2797



52.4512, 0.2542, 0.3997

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.



18.9964, 0.1304, 0.2423



18.9964, 0.4786, 0.2797



18.9964, 0.2380, 0.4934

Square

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



18.9964, 0.4786, 0.2797



18.9964, 0.4400, 0.5067



18.9964, 0.1629, 0.3563



18.9964, 0.1722, 0.1660

Rectangle

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



18.9964, 0.4786, 0.2797



18.9964, 0.5308, 0.4013



18.9964, 0.1629, 0.3563



18.9964, 0.1296, 0.1976

Sweetspot

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



18.9975, 0.4786, 0.2797



68.2995, 0.3424, 0.3124



16.5205, 0.2657, 0.1472



13.8764, 0.3474, 0.3100



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.



18.9975, 0.4786, 0.2797



23.6778, 0.5315, 0.2829



22.1178, 0.5269, 0.3580



12.4830, 0.3243, 0.3219



8.8931, 0.5724, 0.2927



0.5510, 0.5227, 0.2653

Inverse Universe

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



18.9975, 0.4786, 0.2797



23.6778, 0.5315, 0.2829



41.4499, 0.2222, 0.2877



12.4830, 0.3243, 0.3219



8.8931, 0.5724, 0.2927



0.5510, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 18.9964, 0.4786, 0.2797 looks on a white background.

Color Contrast Check

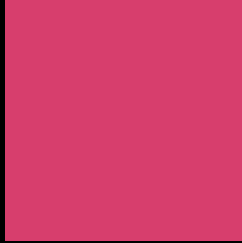
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9964, 0.4786, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

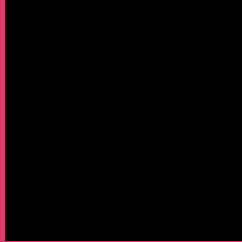
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9964, 0.4786, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 18.9964, 0.4786, 0.2797.

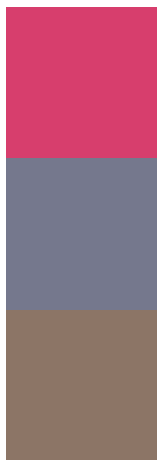


This preview shows how white text looks on a background with the Yxy color 18.9964, 0.4786, 0.2797.

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

18.9964, 0.4786, 0.2797

Protanopia

19.1379, 0.2862, 0.2904

Deuteranopia

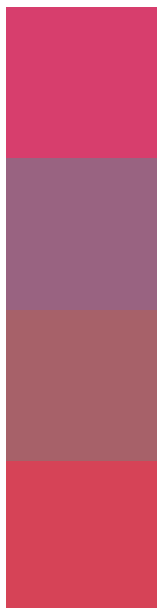
19.2573, 0.3619, 0.3560



Tritanopia

19.0209, 0.5284, 0.3256

Trichromacy



Original Color

18.9964, 0.4786, 0.2797

Protanomaly

17.2810, 0.3488, 0.2796

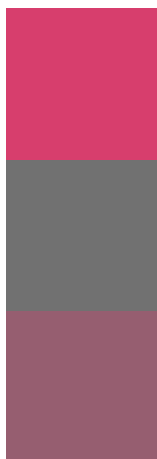
Deuteranomaly

17.7848, 0.4054, 0.3168

Tritanomaly

18.9986, 0.5117, 0.3090

Monochromacy



Original Color

18.9964, 0.4786, 0.2797

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.6593, 0.3716, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9964, 0.4786, 0.2797 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(215, 62, 109)` looks like.

```
.text, #text, p{  
    color:rgb(215, 62, 109)  
}
```

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(215, 62, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 62, 109) }
```

Border

The CSS property to change the border of an element to Yxy 18.9964, 0.4786, 0.2797 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(215, 62, 109) }
```

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

```
.border{ border-color:rgb(215, 62, 109) }
```

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

Here you see how a box with a 4 pixel rgb(215, 62, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 62, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 62, 109);  
box-shadow:4px 4px 4px 4px rgb(215, 62,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9964, 0.4786, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 62, 109) }
```

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

```
.background{ background-color: rgb(215, 62,  
109) }
```

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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