

Converting Colors

$Y_{xy}(18.3613, 0.4455, 0.2773)$

Have a look what the booklet for
Yxy(18.3613, 0.4455, 0.2773)
contains.

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Color

Yxy(18.4204, 0.4466, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	C94973
RGB	201, 73, 115
RGB Percent	79%, 29%, 45%
CMY	0.2117, 0.7138, 0.5490
CMYK	0.00, 0.64, 0.43, 0.21
HSL	340°, 54%, 54%
HSV	340°, 64%, 79%
XYZ	29.5706, 18.4204, 18.2218
YIQ	116.0600, 62.8060, 40.1980

Conversions

Conversions Part 2

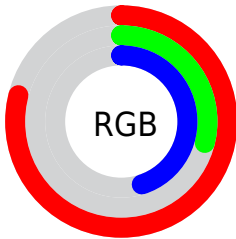
Format	Color
R_{YB}	201, 73, 115
Decimal	13191539
CIE _{Lab}	50.00, 54.31, 3.58
CIE _{LCh}	50, 54.427, 3.773
Yxy	18.4204, 0.4466, 0.2782
Android (android.graphics.Color)	4291381619 (0xFFC94973)
YUV	116.0600, -0.5226, 74.4924
Hunter-Lab	42.9190, 47.8760, 4.8710

Details

The Yxy color **18.4204, 0.4466, 0.2782** 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 **45.7041, 0.2585, 0.3952**, and the grayscale version is **17.4699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4884, 0.4093, 0.2890**, and **6.1994, 0.5026, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **15.9056, 0.4807, 0.2757**, and if you desaturate by 10%, it is **21.8360, 0.4153, 0.2839**.

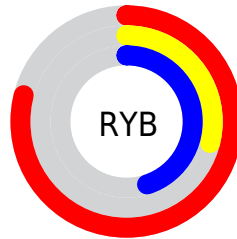
Distribution



Red (79%)

Green (29%)

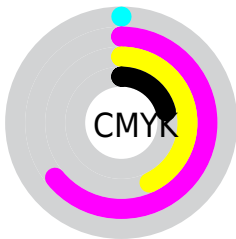
Blue (45%)



Red (79%)

Yellow (29%)

Blue (45%)

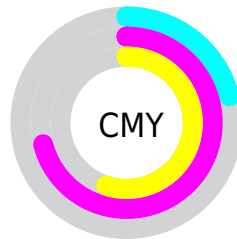


Cyan (0%)

Magenta (64%)

Yellow (43%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4204, 0.4466, 0.2782 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 18.4204, 0.4466, 0.2782 by changing the saturation by 10% instead.


 18.4204, 0.4466,
0.2782


 18.4204, 0.4466,
0.2782


243.2301, 0.3697,
0.3081


 11.2522, 0.4698,
0.2689


 40.7524, 0.4159,
0.2903

 6.2368, 0.5022,
0.2556


 56.6850, 0.4052,
0.2945


 2.9896, 0.5503,
0.2353

 76.3079, 0.3965,
0.2979

 1.1263, 0.6272,
0.2017

 100.0054, 0.3893,
0.3006

 0.0002, 0.9998,
0.0002

 128.1620, 0.3832,
0.3029

 0.0000, 1.0000,
0.0000

161.1620, 0.3781,

 0.0000, 0.0000,

0.3049

0.0000

199.3899, 0.3736,
0.3066

■ 18.4204, 0.4466,
0.2782

■ 18.4204, 0.4466,
0.2782

■ 15.9056, 0.4807,
0.2757

■ 21.8360, 0.4153,
0.2839

■ 14.2011, 0.5157,
0.2775

■ 26.2257, 0.3880,
0.2916

■ 13.2020, 0.5486,
0.2841

■ 31.6585, 0.3649,
0.3002

■ 12.8146, 0.5674,
0.2899

■ 38.1962, 0.3456,
0.3091

■ 45.8959, 0.3298,
0.3178

■ 54.8106, 0.3169,
0.3261

■ 64.9901, 0.3063,
0.3338

■ 76.4815, 0.2977,
0.3409

■ 89.3292, 0.2906,
0.3474

Harmonies

Analogous

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



18.4204, 0.3424, 0.2240



18.4204, 0.4466, 0.2782



18.4204, 0.5084, 0.3436

Triad

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



18.4204, 0.4466, 0.2782



18.4204, 0.3540, 0.5218



18.4204, 0.1486, 0.2038

Complementary

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



18.4204, 0.4466, 0.2782



45.7041, 0.2585, 0.3952

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.



18.4204, 0.1498, 0.2650



18.4204, 0.4466, 0.2782



18.4204, 0.2605, 0.4821

Square

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



18.4204, 0.4466, 0.2782



18.4204, 0.4419, 0.4830



18.4204, 0.1866, 0.3706



18.4204, 0.1795, 0.1819

Rectangle

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



18.4204, 0.4466, 0.2782



18.4204, 0.5114, 0.3902



18.4204, 0.1866, 0.3706



18.4204, 0.1454, 0.2192

Sweetspot

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



18.4214, 0.4466, 0.2782



70.9664, 0.3382, 0.3130



16.2842, 0.2700, 0.1622



14.3972, 0.3430, 0.3104



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.



18.4214, 0.4466, 0.2782



26.0952, 0.4926, 0.2758



20.9640, 0.4963, 0.3548



10.6934, 0.3239, 0.3214



8.0701, 0.5636, 0.2879



0.3956, 0.5039, 0.2550

Inverse Universe

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



18.4214, 0.4466, 0.2782



26.0952, 0.4926, 0.2758



38.1494, 0.2295, 0.2962



10.6934, 0.3239, 0.3214



8.0701, 0.5636, 0.2879



0.3956, 0.5039, 0.2550

Previews

White Background



This preview shows how the Yxy color 18.4204, 0.4466, 0.2782 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 18.4204, 0.4466, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

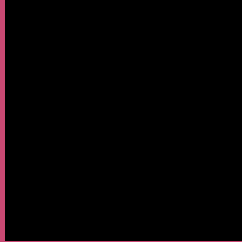
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4204, 0.4466, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 18.4204, 0.4466, 0.2782.



This preview shows how white text looks on a background with the Yxy color 18.4204, 0.4466, 0.2782.

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

18.4204, 0.4466, 0.2782

Protanopia

18.7915, 0.2828, 0.2865

Deuteranopia

18.5165, 0.3468, 0.3401



Tritanopia

18.3742, 0.4922, 0.3236

Trichromacy



Original Color

18.4204, 0.4466, 0.2782

Protanomaly

17.2797, 0.3344, 0.2782

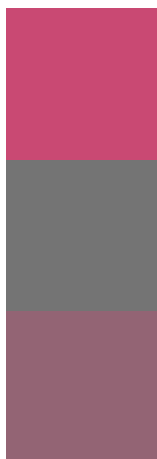
Deuteranomaly

17.6330, 0.3835, 0.3112

Tritanomaly

18.4133, 0.4770, 0.3078

Monochromacy



Original Color

18.4204, 0.4466, 0.2782

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.5783, 0.3589, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4204, 0.4466, 0.2782 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(201, 73, 115)` looks like.

```
.text, #text, p{  
    color:rgb(201, 73, 115)  
}
```

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(201, 73, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 73, 115) }
```

Border

The CSS property to change the border of an element to Yxy 18.4204, 0.4466, 0.2782 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(201, 73, 115) }
```

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

```
.border{ border-color:rgb(201, 73, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 73, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 73, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 73, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 73,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4204, 0.4466, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 73, 115) }
```

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

```
.background{ background-color: rgb(201, 73,  
115) }
```

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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