

Converting Colors

$Y_{xy}(19.6524, 0.4550, 0.2811)$

Have a look what the booklet for
Yxy(19.6524, 0.4550, 0.2811)
contains.

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Color

Yxy(19.6907, 0.4557, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	D14A73
RGB	209, 74, 115
RGB Percent	82%, 29%, 45%
CMY	0.1803, 0.7099, 0.5490
CMYK	0.00, 0.65, 0.45, 0.18
HSL	342°, 59%, 55%
HSV	342°, 65%, 82%
XYZ	31.8419, 19.6907, 18.3421
YIQ	119.0390, 67.2990, 41.3710

Conversions

Conversions Part 2

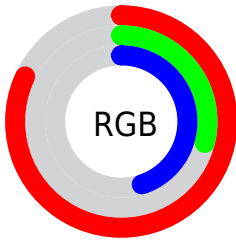
Format	Color
R_{YB}	209, 74, 115
Decimal	13716083
CIE _{Lab}	51.49, 56.38, 5.90
CIE _{LCh}	51, 56.683, 5.972
Yxy	19.6907, 0.4557, 0.2818
Android (android.graphics.Color)	4291906163 (0xFFD14A73)
YUV	119.0390, -1.9912, 78.8958
Hunter-Lab	44.3742, 50.4327, 6.5544

Details

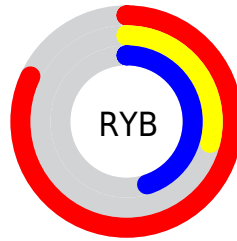
The Yxy color **19.6907, 0.4557, 0.2818** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **49.8931, 0.2564, 0.3912**, and the grayscale version is **18.4502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0153, 0.4086, 0.2909**, and **6.8893, 0.5147, 0.2609** is the 20% darker color. If you saturate the color by 10%, you get **17.0409, 0.4916, 0.2802**, and if you desaturate by 10%, it is **23.3223, 0.4226, 0.2867**.

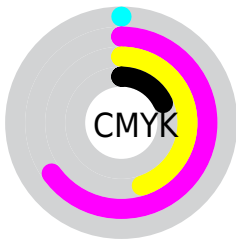
Distribution



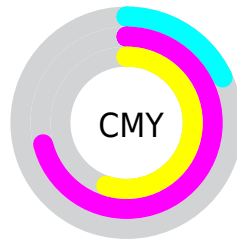
- Red (82%)
- Green (29%)
- Blue (45%)



- Red (82%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (45%)
- Black (18%)




- Cyan (18%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6907, 0.4557, 0.2818 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 19.6907, 0.4557, 0.2818 by changing the saturation by 10% instead.


 19.6907, 0.4557,
0.2818


 19.6907, 0.4557,
0.2818


250.2357, 0.3742,
0.3099


 12.1704, 0.4798,
0.2729


 42.8980, 0.4234,
0.2933


 6.8598, 0.5133,
0.2603


 59.3538, 0.4121,
0.2972

 3.3746, 0.5621,
0.2410

 79.5569, 0.4029,
0.3003

 1.3303, 0.6384,
0.2089

 103.8917, 0.3952,
0.3029

 0.1645, 0.9136,
0.0864

 132.7426, 0.3887,
0.3051

 0.0000, 1.0000,
0.0000

166.4940, 0.3832,

 0.0000, 0.0000,

0.3069

0.0000

205.5302, 0.3784,
0.3085

■ 19.6907, 0.4557,
0.2818

■ 19.6907, 0.4557,
0.2818

■ 17.0409, 0.4916,
0.2802

■ 23.3223, 0.4226,
0.2867

■ 15.2712, 0.5278,
0.2828

■ 28.0176, 0.3936,
0.2936

■ 14.2633, 0.5609,
0.2902

■ 33.8537, 0.3690,
0.3015

■ 13.9225, 0.5770,
0.2952

■ 40.8992, 0.3486,
0.3098

■ 49.2177, 0.3318,
0.3179

■ 58.8681, 0.3181,
0.3256

■ 69.9056, 0.3070,
0.3328

■ 82.3824, 0.2979,
0.3395

■ 91.7308, 0.2902,
0.3383

Harmonies

Analogous

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



19.6907, 0.3509, 0.2259



19.6907, 0.4557, 0.2818



19.6907, 0.5137, 0.3483

Triad

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



19.6907, 0.4557, 0.2818



19.6907, 0.3470, 0.5258



19.6907, 0.1476, 0.1989

Complementary

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



19.6907, 0.4557, 0.2818



49.8931, 0.2564, 0.3912

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.



19.6907, 0.1462, 0.2574



19.6907, 0.4557, 0.2818



19.6907, 0.2527, 0.4787

Square

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



19.6907, 0.4557, 0.2818



19.6907, 0.4375, 0.4895



19.6907, 0.1804, 0.3622



19.6907, 0.1812, 0.1795

Rectangle

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



19.6907, 0.4557, 0.2818



19.6907, 0.5130, 0.3957



19.6907, 0.1804, 0.3622



19.6907, 0.1435, 0.2135

Sweetspot

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



19.6918, 0.4557, 0.2818



70.9025, 0.3391, 0.3142



17.6352, 0.2715, 0.1610



14.3819, 0.3441, 0.3118



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.



19.6918, 0.4557, 0.2818



25.3710, 0.5072, 0.2807



22.9274, 0.4987, 0.3576



11.8665, 0.3243, 0.3220



8.5979, 0.5732, 0.2931



0.4948, 0.5202, 0.2639

Inverse Universe

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



19.6918, 0.4557, 0.2818



25.3710, 0.5072, 0.2807



40.4503, 0.2277, 0.2921



11.8665, 0.3243, 0.3220



8.5979, 0.5732, 0.2931



0.4948, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 19.6907, 0.4557, 0.2818 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 19.6907, 0.4557, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

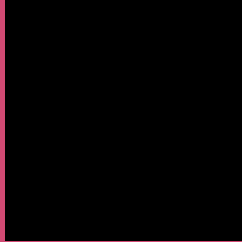
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6907, 0.4557, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 19.6907, 0.4557, 0.2818.



This preview shows how white text looks on a background with the Yxy color 19.6907, 0.4557, 0.2818.

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

19.6907, 0.4557, 0.2818

Protanopia

19.8953, 0.2877, 0.2911

Deuteranopia

19.8518, 0.3534, 0.3487



Tritanopia

19.6586, 0.4982, 0.3239

Trichromacy



Original Color

19.6907, 0.4557, 0.2818

Protanomaly

18.4720, 0.3405, 0.2829

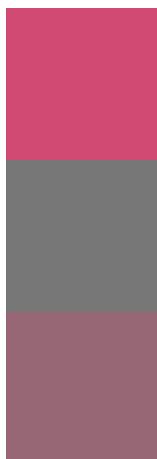
Deuteranomaly

18.8475, 0.3903, 0.3166

Tritanomaly

19.7032, 0.4836, 0.3089

Monochromacy



Original Color

19.6907, 0.4557, 0.2818

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6839, 0.3620, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6907, 0.4557, 0.2818 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(209, 74, 115)` looks like.

```
.text, #text, p{  
    color:rgb(209, 74, 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(209, 74, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 74, 115) }
```

Border

The CSS property to change the border of an element to Yxy 19.6907, 0.4557, 0.2818 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(209, 74, 115) }
```

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

```
.border{ border-color:rgb(209, 74, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 74, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 74, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 74, 115);  
box-shadow:4px 4px 4px 4px rgb(209, 74,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6907, 0.4557, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 74, 115) }
```

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

```
.background{ background-color: rgb(209, 74,  
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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