

Converting Colors

$Y_{xy}(23.9512, 0.4792, 0.3196)$

Have a look what the booklet for
Yxy(23.9512, 0.4792, 0.3196)
contains.

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Color

Yxy(23.9660, 0.4799, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	DD5C65
RGB	221, 92, 101
RGB Percent	87%, 36%, 40%
CMY	0.1333, 0.6392, 0.6038
CMYK	0.00, 0.58, 0.54, 0.13
HSL	356°, 65%, 61%
HSV	356°, 58%, 87%
XYZ	35.9978, 23.9660, 15.0472
YIQ	131.5970, 73.9950, 30.1470

Conversions

Conversions Part 2

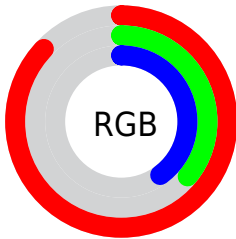
Format	Color
R _Y B	221, 92, 101
Decimal	14507109
CIE Lab	56.05, 51.18, 20.83
CIE LCh	56, 55.256, 22.145
Yxy	23.9660, 0.4799, 0.3195
Android (android.graphics.Color)	4292697189 (0xFFDD5C65)
YUV	131.5970, -15.0843, 78.4064
Hunter-Lab	48.9551, 45.5836, 16.0447

Details

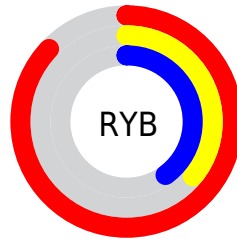
The Yxy color **23.9660, 0.4799, 0.3195** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **58.7446, 0.2447, 0.3410**, and the grayscale version is **22.9580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3944, 0.4186, 0.3241**, and **9.1052, 0.5421, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **20.3270, 0.5259, 0.3194**, and if you desaturate by 10%, it is **28.8249, 0.4374, 0.3205**.

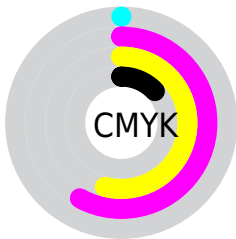
Distribution



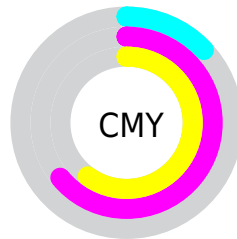
- Red (87%)
- Green (36%)
- Blue (40%)



- Red (87%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (58%)
- Yellow (54%)
- Black (13%)




- Cyan (13%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9660, 0.4799, 0.3195 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 23.9660, 0.4799, 0.3195 by changing the saturation by 10% instead.


 23.9660, 0.4799,
0.3195


 23.9660, 0.4799,
0.3195


272.6485, 0.3868,
0.3292


 15.3084, 0.5061,
0.3149


 49.9747, 0.4438,
0.3245

 9.0361, 0.5411,
0.3074


 68.0946, 0.4309,
0.3259

 4.7647, 0.5898,
0.2942

 90.1374, 0.4203,
0.3269

 2.1099, 0.6660,
0.2722

 116.4875, 0.4114,
0.3276

 0.6702, 0.7801,
0.2199

147.5292, 0.4039,
0.3282

 0.0000, 1.0000,
0.0000

183.6471, 0.3974,

 0.0000, 0.0000,

0.3286

0.0000

225.2254, 0.3917,
0.3289

■ 23.9660, 0.4799,
0.3195

■ 23.9660, 0.4799,
0.3195

■ 20.3270, 0.5259,
0.3194

■ 28.8249, 0.4374,
0.3205

■ 17.7960, 0.5708,
0.3206

■ 34.9948, 0.4008,
0.3221

■ 16.2476, 0.6077,
0.3231

■ 42.5626, 0.3705,
0.3239

■ 15.4978, 0.6312,
0.3263

■ 51.6068, 0.3459,
0.3258

■ 15.4092, 0.6339,
0.3266

■ 62.1999, 0.3262,
0.3276

■ 74.4097, 0.3104,
0.3293

■ 88.3000, 0.2977,
0.3308

■ 94.1134, 0.2923,
0.3289

Harmonies

Analogous

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



23.9660, 0.4021, 0.2600



23.9660, 0.4799, 0.3195



23.9660, 0.4999, 0.3854

Triad

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



23.9660, 0.4799, 0.3195



23.9660, 0.2985, 0.4946



23.9660, 0.1718, 0.1946

Complementary

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



23.9660, 0.4799, 0.3195



58.7446, 0.2447, 0.3410

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.



23.9660, 0.1542, 0.2295



23.9660, 0.4799, 0.3195



23.9660, 0.2183, 0.4109

Square

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



23.9660, 0.4799, 0.3195



23.9660, 0.3872, 0.5017



23.9660, 0.1685, 0.3042



23.9660, 0.2212, 0.1916

Rectangle

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



23.9660, 0.4799, 0.3195



23.9660, 0.4797, 0.4304



23.9660, 0.1685, 0.3042



23.9660, 0.1625, 0.2023

Sweetspot

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



23.9673, 0.4799, 0.3195



71.6793, 0.3454, 0.3258



26.6141, 0.3079, 0.1882



14.5074, 0.3520, 0.3253



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.



23.9673, 0.4799, 0.3195



27.2192, 0.5361, 0.3196



36.6273, 0.4486, 0.3913



13.0662, 0.3281, 0.3274



8.9568, 0.6321, 0.3256



0.5856, 0.6093, 0.3130

Inverse Universe

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



23.9673, 0.4799, 0.3195



27.2192, 0.5361, 0.3196



35.2264, 0.2236, 0.2514



13.0662, 0.3281, 0.3274



8.9568, 0.6321, 0.3256



0.5856, 0.6093, 0.3130

Previews

White Background



This preview shows how the Yxy color 23.9660, 0.4799, 0.3195 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 23.9660, 0.4799, 0.3195 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 23.9660, 0.4799, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 23.9660, 0.4799, 0.3195.



This preview shows how white text looks on a background with the Yxy color 23.9660, 0.4799, 0.3195.

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

23.9660, 0.4799, 0.3195

Protanopia

24.0061, 0.3336, 0.3514

Deuteranopia

24.0003, 0.3901, 0.3835



Tritanopia

23.9083, 0.4842, 0.3229

Trichromacy



Original Color

23.9660, 0.4799, 0.3195

Protanomaly

22.8436, 0.3834, 0.3369

Deuteranomaly

23.2989, 0.4239, 0.3566

Tritanomaly

23.9273, 0.4828, 0.3218

Monochromacy



Original Color

23.9660, 0.4799, 0.3195

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

21.9956, 0.3687, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9660, 0.4799, 0.3195 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(221, 92, 101)` looks like.

```
.text, #text, p{  
    color:rgb(221, 92, 101)  
}
```

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(221, 92, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 92, 101) }
```

Border

The CSS property to change the border of an element to Yxy 23.9660, 0.4799, 0.3195 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(221, 92, 101) }
```

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

```
.border{ border-color:rgb(221, 92, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 92, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 92, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 92, 101);  
box-shadow:4px 4px 4px 4px rgb(221, 92,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9660, 0.4799, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 92, 101) }
```

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

```
.background{ background-color: rgb(221, 92,  
101) }
```

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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