

Converting Colors

$Yxy(24.3484, 0.4840, 0.3224)$

Have a look what the booklet for
Yxy(24.3484, 0.4840, 0.3224)
contains.

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Color

Yxy(24.4175, 0.4841, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	DF5D63
RGB	223, 93, 99
RGB Percent	87%, 36%, 39%
CMY	0.1255, 0.6352, 0.6119
CMYK	0.00, 0.58, 0.56, 0.13
HSL	357°, 67%, 62%
HSV	357°, 58%, 87%
XYZ	36.5960, 24.4175, 14.5825
YIQ	132.5540, 75.5540, 29.4260

Conversions

Conversions Part 2

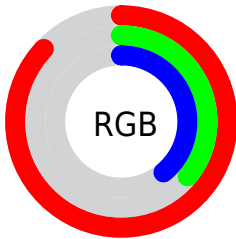
Format	Color
RYB	223, 93, 99
Decimal	14638435
CIELab	56.50, 51.23, 22.68
CIElCh	57, 56.030, 23.877
Yxy	24.4175, 0.4841, 0.3230
Android (android.graphics.Color)	4292828515 (0xFFDF5D63)
YUV	132.5540, -16.5421, 79.3211
Hunter-Lab	49.4141, 45.7223, 17.0929

Details

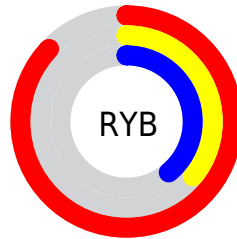
The Yxy color **24.4175, 0.4841, 0.3230** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **60.1123, 0.2433, 0.3367**, and the grayscale version is **23.3268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6418, 0.4203, 0.3272**, and **9.2616, 0.5444, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **20.7033, 0.5310, 0.3231**, and if you desaturate by 10%, it is **29.3826, 0.4406, 0.3236**.

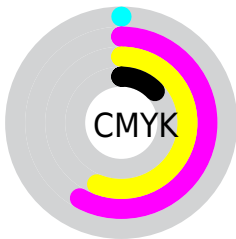
Distribution



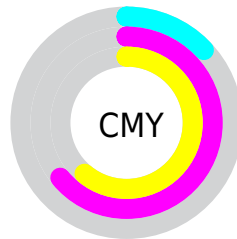
- Red (87%)
- Green (36%)
- Blue (39%)



- Red (87%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (58%)
- Yellow (56%)
- Black (13%)





- Cyan (13%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4175, 0.4841, 0.3230 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 24.4175, 0.4841, 0.3230 by changing the saturation by 10% instead.

 24.4175, 0.4841,
0.3230

 24.4175, 0.4841,
0.3230


274.9245, 0.3890,
0.3311


 15.6436, 0.5106,
0.3186


 50.7106, 0.4474,
0.3275

 9.2723, 0.5459,
0.3114


 68.9987, 0.4342,
0.3287

 4.9192, 0.5945,
0.2985

 91.2269, 0.4234,
0.3295

 2.1999, 0.6717,
0.2774

 117.7797, 0.4142,
0.3301

 0.7200, 0.7748,
0.2252

149.0415, 0.4065,
0.3305

 0.0000, 1.0000,
0.0000


185.3966, 0.3998,


 0.0000, 0.0000,


0.3308


0.0000


227.2295, 0.3940,
0.3310

 24.4175, 0.4841,
0.3230


 24.4175, 0.4841,
0.3230

 20.7033, 0.5310,
0.3231


 29.3826, 0.4406,
0.3236

 18.1249, 0.5760,
0.3240


 35.6923, 0.4030,
0.3246


 16.5534, 0.6121,
0.3257

 43.4360, 0.3718,
0.3257

 15.8014, 0.6338,
0.3278

 52.6944, 0.3466,
0.3269

 15.7097, 0.6363,
0.3279

 63.5419, 0.3264,
0.3281

■ 76.0483, 0.3102,
0.3292

■ 90.2791, 0.2972,
0.3302

■ 94.4273, 0.2935,
0.3289

Harmonies

Analogous

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



24.4175, 0.4084, 0.2627



24.4175, 0.4841, 0.3230



24.4175, 0.5004, 0.3895

Triad

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



24.4175, 0.4841, 0.3230



24.4175, 0.2931, 0.4931



24.4175, 0.1729, 0.1928

Complementary

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



24.4175, 0.4841, 0.3230



60.1123, 0.2433, 0.3367

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.



24.4175, 0.1534, 0.2257



24.4175, 0.4841, 0.3230



24.4175, 0.2137, 0.4053

Square

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



24.4175, 0.4841, 0.3230



24.4175, 0.3825, 0.5045



24.4175, 0.1658, 0.2984



24.4175, 0.2245, 0.1914

Rectangle

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



24.4175, 0.4841, 0.3230



24.4175, 0.4780, 0.4347



24.4175, 0.1658, 0.2984



24.4175, 0.1630, 0.1999

Sweetspot

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



24.4188, 0.4841, 0.3230



73.0087, 0.3440, 0.3271



27.8333, 0.3124, 0.1902



15.0359, 0.3486, 0.3268



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.



24.4188, 0.4841, 0.3230



27.1490, 0.5415, 0.3232



38.7742, 0.4450, 0.3962



13.7107, 0.3285, 0.3280



9.2420, 0.6350, 0.3272



0.6442, 0.6204, 0.3191

Inverse Universe

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



24.4188, 0.4841, 0.3230



27.1490, 0.5415, 0.3232



34.3870, 0.2222, 0.2449



13.7107, 0.3285, 0.3280



9.2420, 0.6350, 0.3272



0.6442, 0.6204, 0.3191

Previews

White Background



This preview shows how the Yxy color 24.4175, 0.4841, 0.3230 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 24.4175, 0.4841, 0.3230 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 24.4175, 0.4841, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 24.4175, 0.4841, 0.3230.



This preview shows how white text looks on a background with the Yxy color 24.4175, 0.4841, 0.3230.

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

24.4175, 0.4841, 0.3230

Protanopia

24.6910, 0.3377, 0.3580

Deuteranopia

24.5421, 0.3955, 0.3872



Tritanopia

24.4175, 0.4841, 0.3230

Trichromacy



Original Color

24.4175, 0.4841, 0.3230

Protanomaly

23.2607, 0.3881, 0.3415

Deuteranomaly

23.8631, 0.4293, 0.3603

Tritanomaly

24.4175, 0.4841, 0.3230

Monochromacy



Original Color

24.4175, 0.4841, 0.3230

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4443, 0.3709, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4175, 0.4841, 0.3230 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(223, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(223, 93, 99)  
}
```

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(223, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 93, 99) }
```

Border

The CSS property to change the border of an element to Yxy 24.4175, 0.4841, 0.3230 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(223, 93, 99) }
```

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

```
.border{ border-color:rgb(223, 93, 99) }
```

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

Here you see how a box with a 4 pixel rgb(223, 93, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(223, 93,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4175, 0.4841, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 93, 99) }
```

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

```
.background{ background-color: rgb(223, 93,  
99) }
```

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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