

Converting Colors

$Yxy(23.5632, 0.4399, 0.2943)$

Have a look what the booklet for
Yxy(23.5632, 0.4399, 0.2943)
contains.

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Color

Yxy(23.5549, 0.4391, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	D65D7B
RGB	214, 93, 123
RGB Percent	84%, 36%, 48%
CMY	0.1609, 0.6352, 0.5176
CMYK	0.00, 0.57, 0.43, 0.16
HSL	345°, 60%, 60%
HSV	345°, 57%, 84%
XYZ	35.2161, 23.5549, 21.4296
YIQ	132.5990, 62.4860, 34.9820

Conversions

Conversions Part 2

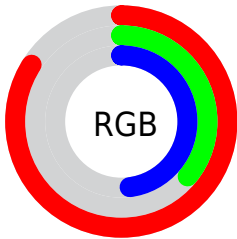
Format	Color
R_{YB}	214, 93, 123
Decimal	14048635
CIE _{Lab}	55.64, 50.33, 7.18
CIE _{LCh}	56, 50.837, 8.119
Yxy	23.5549, 0.4391, 0.2937
Android (android.graphics.Color)	4292238715 (0xFFD65D7B)
YUV	132.5990, -4.7323, 71.3887
Hunter-Lab	48.5334, 44.5870, 7.7943

Details

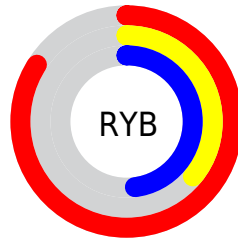
The Yxy color **23.5549, 0.4391, 0.2937** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **53.8706, 0.2569, 0.3719**, and the grayscale version is **23.3056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2226, 0.3940, 0.2999**, and **8.7997, 0.4860, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **19.9391, 0.4761, 0.2906**, and if you desaturate by 10%, it is **28.2901, 0.4063, 0.2989**.

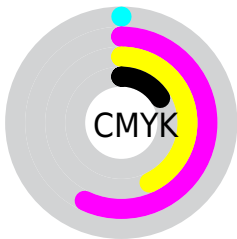
Distribution



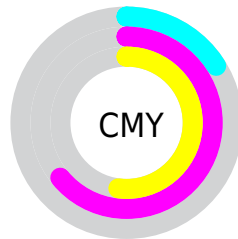
- Red (84%)
- Green (36%)
- Blue (48%)



- Red (84%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (57%)
- Yellow (43%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5549, 0.4391, 0.2937 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 23.5549, 0.4391, 0.2937 by changing the saturation by 10% instead.


 23.5549, 0.4391,
0.2937


 23.5549, 0.4391,
0.2937


270.5624, 0.3686,
0.3146


 15.0038, 0.4593,
0.2872


 49.3029, 0.4116,
0.3022


 8.8220, 0.4869,
0.2779


 67.2685, 0.4019,
0.3051

 4.6253, 0.5266,
0.2639

 89.1411, 0.3938,
0.3075

 2.0291, 0.5874,
0.2409

 115.3051, 0.3871,
0.3094

 0.6243, 0.7373,
0.2044

146.1448, 0.3815,
0.3110

 0.0000, 1.0000,
0.0000

182.0447, 0.3766,

 0.0000, 0.0000,

0.3124

0.0000

223.3891, 0.3723,
0.3136

■ 23.5549, 0.4391,
0.2937

■ 23.5549, 0.4391,
0.2937

■ 19.9391, 0.4761,
0.2906

■ 28.2901, 0.4063,
0.2989

■ 17.3458, 0.5153,
0.2906

■ 34.2239, 0.3785,
0.3052

■ 15.6674, 0.5534,
0.2947

■ 41.4322, 0.3554,
0.3120

■ 14.7659, 0.5860,
0.3027

■ 49.9839, 0.3365,
0.3187

■ 14.5499, 0.5959,
0.3057

■ 59.9427, 0.3211,
0.3251

71.3684, 0.3087,
0.3310

84.3171, 0.2986,
0.3365

92.8257, 0.2900,
0.3322

93.0326, 0.2883,
0.3289

Harmonies

Analogous

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



23.5549, 0.3528, 0.2423



23.5549, 0.4391, 0.2937



23.5549, 0.4854, 0.3544

Triad

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



23.5549, 0.4391, 0.2937



23.5549, 0.3402, 0.4936



23.5549, 0.1687, 0.2146

Complementary

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



23.5549, 0.4391, 0.2937



53.8706, 0.2569, 0.3719

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.



23.5549, 0.1661, 0.2649



23.5549, 0.4391, 0.2937



23.5549, 0.2582, 0.4467

Square

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



23.5549, 0.4391, 0.2937



23.5549, 0.4193, 0.4734



23.5549, 0.1958, 0.3512



23.5549, 0.2015, 0.1979

Rectangle

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



23.5549, 0.4391, 0.2937



23.5549, 0.4843, 0.3968



23.5549, 0.1958, 0.3512



23.5549, 0.1644, 0.2273

Sweetspot

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



23.5561, 0.4391, 0.2937



73.4672, 0.3376, 0.3182



22.8454, 0.2867, 0.1832



15.1428, 0.3412, 0.3169



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.



23.5561, 0.4391, 0.2937



28.7042, 0.4844, 0.2903



29.3150, 0.4590, 0.3655



12.4708, 0.3253, 0.3232



8.8107, 0.5923, 0.3037



0.5448, 0.5425, 0.2762

Inverse Universe

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



23.5561, 0.4391, 0.2937



28.7042, 0.4844, 0.2903



41.3551, 0.2328, 0.2854



12.4708, 0.3253, 0.3232



8.8107, 0.5923, 0.3037



0.5448, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 23.5549, 0.4391, 0.2937 looks on a white background.

Color Contrast Check

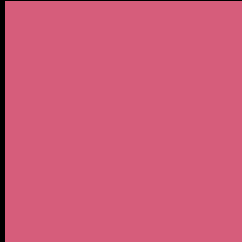
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5549, 0.4391, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

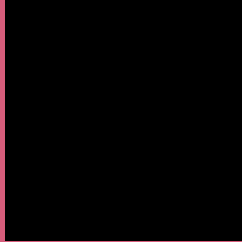
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5549, 0.4391, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 23.5549, 0.4391, 0.2937.



This preview shows how white text looks on a background with the Yxy color 23.5549, 0.4391, 0.2937.

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

23.5549, 0.4391, 0.2937

Protanopia

23.8059, 0.3004, 0.3086

Deuteranopia

23.7572, 0.3554, 0.3489



Tritanopia

23.6748, 0.4652, 0.3224

Trichromacy



Original Color

23.5549, 0.4391, 0.2937

Protanomaly

22.4444, 0.3454, 0.2994

Deuteranomaly

22.9367, 0.3859, 0.3247

Tritanomaly

23.6377, 0.4557, 0.3128

Monochromacy



Original Color

23.5549, 0.4391, 0.2937

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.2232, 0.3555, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5549, 0.4391, 0.2937 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(214, 93, 123)` looks like.

```
.text, #text, p{  
    color:rgb(214, 93, 123)  
}
```

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(214, 93, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 93, 123) }
```

Border

The CSS property to change the border of an element to Yxy 23.5549, 0.4391, 0.2937 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(214, 93, 123) }
```

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

```
.border{ border-color:rgb(214, 93, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 93, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 93, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 93, 123); box-shadow:4px 4px 4px 4px rgb(214, 93, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5549, 0.4391, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 93, 123) }
```

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

```
.background{ background-color: rgb(214, 93,  
123) }
```

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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