

Converting Colors

$Yxy(23.5583, 0.4515, 0.2960)$

Have a look what the booklet for
Yxy(23.5583, 0.4515, 0.2960)
contains.

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Color

Yxy(23.5497, 0.4513, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	DA5A77
RGB	218, 90, 119
RGB Percent	85%, 35%, 47%
CMY	0.1450, 0.6471, 0.5333
CMYK	0.00, 0.59, 0.45, 0.14
HSL	346°, 63%, 60%
HSV	346°, 59%, 86%
XYZ	35.9053, 23.5497, 20.1048
YIQ	131.5780, 66.9790, 36.1550

Conversions

Conversions Part 2

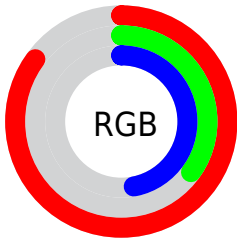
Format	Color
R_{YB}	218, 90, 119
Decimal	14310007
CIE _{Lab}	55.63, 52.68, 9.62
CIE _{LCh}	56, 53.550, 10.349
Yxy	23.5497, 0.4513, 0.2960
Android (android.graphics.Color)	4292500087 (0xFFDA5A77)
YUV	131.5780, -6.2010, 75.7921
Hunter-Lab	48.5280, 47.1460, 9.4063

Details

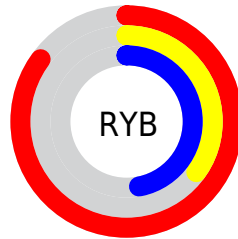
The Yxy color **23.5497, 0.4513, 0.2960** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **56.0045, 0.2541, 0.3699**, and the grayscale version is **22.9180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4511, 0.3989, 0.3020**, and **8.7571, 0.5028, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **20.0277, 0.4902, 0.2939**, and if you desaturate by 10%, it is **28.2244, 0.4163, 0.3003**.

Distribution



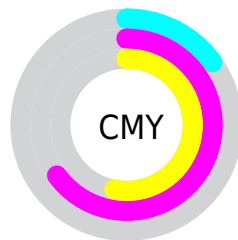
- Red (85%)
- Green (35%)
- Blue (47%)



- Red (85%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (45%)
- Black (14%)




- Cyan (15%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5497, 0.4513, 0.2960 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 23.5497, 0.4513, 0.2960 by changing the saturation by 10% instead.


 23.5497, 0.4513,
0.2960


 23.5497, 0.4513,
0.2960

270.5359, 0.3740,
0.3162


 14.9999, 0.4734,
0.2895


 49.2944, 0.4212,
0.3044


 8.8193, 0.5035,
0.2801


 67.2581, 0.4105,
0.3072

 4.6235, 0.5465,
0.2656

 89.1285, 0.4017,
0.3094

 2.0281, 0.6116,
0.2415

 115.2901, 0.3943,
0.3113

 0.6237, 0.7894,
0.2084

146.1273, 0.3881,
0.3128

 0.0000, 1.0000,
0.0000

182.0243, 0.3827,

 0.0000, 0.0000,

0.3141

0.0000

223.3658, 0.3781,
0.3152

■ 23.5497, 0.4513,
0.2960

■ 23.5497, 0.4513,
0.2960

■ 20.0277, 0.4902,
0.2939

■ 28.2244, 0.4163,
0.3003

■ 17.5535, 0.5305,
0.2951

■ 34.1370, 0.3864,
0.3059

■ 16.0092, 0.5682,
0.3001

■ 41.3694, 0.3615,
0.3120

■ 15.2137, 0.5990,
0.3083

■ 49.9948, 0.3411,
0.3182

■ 15.1348, 0.6025,
0.3093

■ 60.0816, 0.3246,
0.3241

■ 71.6931, 0.3112,
0.3297

■ 84.8894, 0.3003,
0.3348

■ 93.5787, 0.2912,
0.3301

■ 93.6496, 0.2906,
0.3289

Harmonies

Analogous

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



23.5497, 0.3619, 0.2419



23.5497, 0.4513, 0.2960



23.5497, 0.4954, 0.3591

Triad

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



23.5497, 0.4513, 0.2960



23.5497, 0.3338, 0.5021



23.5497, 0.1642, 0.2068

Complementary

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



23.5497, 0.4513, 0.2960



56.0045, 0.2541, 0.3699

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.



23.5497, 0.1589, 0.2559



23.5497, 0.4513, 0.2960



23.5497, 0.2490, 0.4474

Square

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



23.5497, 0.4513, 0.2960



23.5497, 0.4176, 0.4832



23.5497, 0.1866, 0.3441



23.5497, 0.2003, 0.1922

Rectangle

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



23.5497, 0.4513, 0.2960



23.5497, 0.4906, 0.4032



23.5497, 0.1866, 0.3441



23.5497, 0.1590, 0.2189

Sweetspot

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



23.5510, 0.4513, 0.2960



72.0509, 0.3401, 0.3185



23.0833, 0.2875, 0.1789



14.5963, 0.3456, 0.3168



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.



23.5510, 0.4513, 0.2960



27.7812, 0.4978, 0.2938



30.0950, 0.4658, 0.3690



13.0996, 0.3256, 0.3237



9.0783, 0.5990, 0.3074



0.6013, 0.5528, 0.2819

Inverse Universe

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



23.5510, 0.4513, 0.2960



27.7812, 0.4978, 0.2938



41.4683, 0.2296, 0.2802



13.0996, 0.3256, 0.3237



9.0783, 0.5990, 0.3074



0.6013, 0.5528, 0.2819

Previews

White Background



This preview shows how the Yxy color 23.5497, 0.4513, 0.2960 looks on a white background.

Color Contrast Check

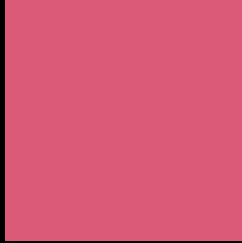
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5497, 0.4513, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

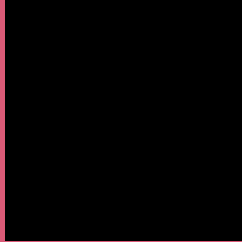
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5497, 0.4513, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 23.5497, 0.4513, 0.2960.



This preview shows how white text looks on a background with the Yxy color 23.5497, 0.4513, 0.2960.

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

23.5497, 0.4513, 0.2960

Protanopia

23.7964, 0.3045, 0.3137

Deuteranopia

23.7628, 0.3613, 0.3554



Tritanopia

23.6772, 0.4758, 0.3227

Trichromacy



Original Color

23.5497, 0.4513, 0.2960

Protanomaly

22.4431, 0.3532, 0.3028

Deuteranomaly

22.8464, 0.3942, 0.3292

Tritanomaly

23.6420, 0.4664, 0.3134

Monochromacy



Original Color

23.5497, 0.4513, 0.2960

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.0414, 0.3596, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5497, 0.4513, 0.2960 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(218, 90, 119)` looks like.

```
.text, #text, p{  
    color:rgb(218, 90, 119)  
}
```

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(218, 90, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 90, 119) }
```

Border

The CSS property to change the border of an element to Yxy 23.5497, 0.4513, 0.2960 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(218, 90, 119) }
```

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

```
.border{ border-color:rgb(218, 90, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 90, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 90, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 90, 119);  
box-shadow:4px 4px 4px 4px rgb(218, 90,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5497, 0.4513, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 90, 119) }
```

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

```
.background{ background-color: rgb(218, 90,  
119) }
```

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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