

Converting Colors

$Y_{xy}(25.1743, 0.4244, 0.2900)$

Have a look what the booklet for
Yxy(25.1743, 0.4244, 0.2900)
contains.

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Color

Yxy(25.1886, 0.4253, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	D86384
RGB	216, 99, 132
RGB Percent	85%, 39%, 52%
CMY	0.1528, 0.6118, 0.4823
CMYK	0.00, 0.54, 0.39, 0.15
HSL	343°, 60%, 62%
HSV	343°, 54%, 85%
XYZ	36.9531, 25.1886, 24.7455
YIQ	137.7450, 59.1390, 35.0670

Conversions

Conversions Part 2

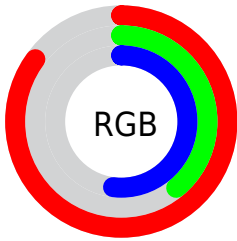
Format	Color
R _Y B	216, 99, 132
Decimal	14181252
CIE Lab	57.26, 49.16, 4.26
CIE LCh	57, 49.342, 4.949
Yxy	25.1886, 0.4253, 0.2899
Android (android.graphics.Color)	4292371332 (0xFFD86384)
YUV	137.7450, -2.8323, 68.6296
Hunter-Lab	50.1882, 43.5984, 5.8986

Details

The Yxy color **25.1886, 0.4253, 0.2899** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.1995, 0.2604, 0.3758**, and the grayscale version is **25.3064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5452, 0.3818, 0.2957**, and **9.6694, 0.4653, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **21.2371, 0.4596, 0.2854**, and if you desaturate by 10%, it is **30.3003, 0.3953, 0.2963**.

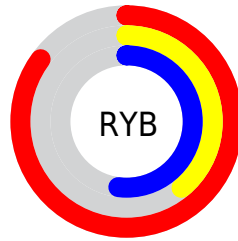
Distribution



Red (85%)

Green (39%)

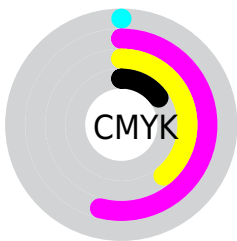
Blue (52%)



Red (85%)

Yellow (39%)

Blue (52%)

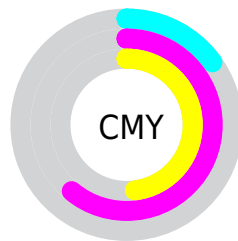


Cyan (0%)

Magenta (54%)

Yellow (39%)

Black (15%)



Cyan (15%)


Magenta (61%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1886, 0.4253, 0.2899 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 25.1886, 0.4253, 0.2899 by changing the saturation by 10% instead.


 25.1886, 0.4253,
0.2899


 25.1886, 0.4253,
0.2899


278.7759, 0.3633,
0.3121


 16.2176, 0.4428,
0.2834


 51.9630, 0.4013,
0.2987


 9.6783, 0.4666,
0.2743


 70.5353, 0.3927,
0.3017

 5.1862, 0.5007,
0.2611

 93.0767, 0.3856,
0.3043

 2.3569, 0.5526,
0.2401

 119.9718, 0.3797,
0.3064

 0.8036, 0.6475,
0.2051

151.6048, 0.3747,
0.3081

 0.0000, 1.0000,
0.0000


188.3602, 0.3703,


 0.0000, 0.0000,


0.3096


0.0000

230.6225, 0.3666,
0.3110


 25.1886, 0.4253,
0.2899


 25.1886, 0.4253,
0.2899


 21.2371, 0.4596,
0.2854


 30.3003, 0.3953,
0.2963


 18.3497, 0.4967,
0.2841


 36.6506, 0.3699,
0.3037

 16.4213, 0.5340,
0.2869


 44.3154, 0.3489,
0.3114


 15.3227, 0.5678,
0.2942

 53.3633, 0.3317,
0.3190

 14.9404, 0.5850,
0.2996

 63.8584, 0.3178,
0.3261

 75.8605, 0.3064,
0.3328

 89.4262, 0.2971,
0.3390

 93.3440, 0.2894,
0.3289

Harmonies

Analogous

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



25.1886, 0.3418, 0.2417



25.1886, 0.4253, 0.2899



25.1886, 0.4748, 0.3480

Triad

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



25.1886, 0.4253, 0.2899



25.1886, 0.3483, 0.4856



25.1886, 0.1729, 0.2234

Complementary

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



25.1886, 0.4253, 0.2899



55.1995, 0.2604, 0.3758

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.



25.1886, 0.1738, 0.2758



25.1886, 0.4253, 0.2899



25.1886, 0.2691, 0.4476

Square

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



25.1886, 0.4253, 0.2899



25.1886, 0.4223, 0.4628



25.1886, 0.2062, 0.3604



25.1886, 0.2016, 0.2037

Rectangle

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



25.1886, 0.4253, 0.2899



25.1886, 0.4781, 0.3887



25.1886, 0.2062, 0.3604



25.1886, 0.1699, 0.2370

Sweetspot

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



25.1899, 0.4253, 0.2899



74.9296, 0.3349, 0.3175



23.9305, 0.2841, 0.1870



15.4340, 0.3383, 0.3159



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.



25.1899, 0.4253, 0.2899



30.2244, 0.4647, 0.2850



30.0055, 0.4534, 0.3596



12.4778, 0.3247, 0.3224



8.8562, 0.5811, 0.2975



0.5483, 0.5311, 0.2699

Inverse Universe

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



25.1899, 0.4253, 0.2899



30.2244, 0.4647, 0.2850



44.7296, 0.2367, 0.2932



12.4778, 0.3247, 0.3224



8.8562, 0.5811, 0.2975



0.5483, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 25.1886, 0.4253, 0.2899 looks on a white background.

Color Contrast Check

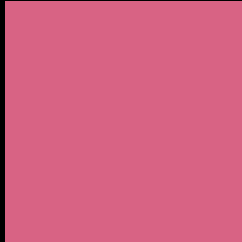
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1886, 0.4253, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

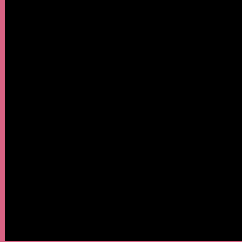
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1886, 0.4253, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 25.1886, 0.4253, 0.2899.



This preview shows how white text looks on a background with the Yxy color 25.1886, 0.4253, 0.2899.

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

25.1886, 0.4253, 0.2899

Protanopia

25.4587, 0.2948, 0.3011

Deuteranopia

25.2759, 0.3449, 0.3388



Tritanopia

25.1224, 0.4523, 0.3210

Trichromacy



Original Color

25.1886, 0.4253, 0.2899

Protanomaly

24.2406, 0.3371, 0.2940

Deuteranomaly

24.6068, 0.3732, 0.3174

Tritanomaly

25.2578, 0.4427, 0.3102

Monochromacy



Original Color

25.1886, 0.4253, 0.2899

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2999, 0.3500, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1886, 0.4253, 0.2899 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(216, 99, 132)` looks like.

```
.text, #text, p{  
    color:rgb(216, 99, 132)  
}
```

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(216, 99, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 99, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.1886, 0.4253, 0.2899 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(216, 99, 132) }
```

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

```
.border{ border-color:rgb(216, 99, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 99, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 99, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 99, 132);  
box-shadow:4px 4px 4px 4px rgb(216, 99,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1886, 0.4253, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 99, 132) }
```

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

```
.background{ background-color: rgb(216, 99,  
132) }
```

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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