

Converting Colors

$Y_{xy}(25.9074, 0.3919, 0.2621)$

Have a look what the booklet for
Yxy(25.9074, 0.3919, 0.2621)
contains.

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Color

Yxy(25.9229, 0.3913, 0.2615)

Conversions

Conversions Part 1

Format	Color
Hex	D8639C
RGB	216, 99, 156
RGB Percent	85%, 39%, 61%
CMY	0.1528, 0.6119, 0.3882
CMYK	0.00, 0.54, 0.28, 0.15
HSL	331°, 60%, 62%
HSV	331°, 54%, 85%
XYZ	38.7902, 25.9229, 34.4185
YIQ	140.4810, 51.4350, 42.5310

Conversions

Conversions Part 2

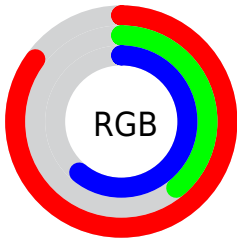
Format	Color
R _Y B	216, 99, 156
Decimal	14181276
CIE Lab	57.96, 52.07, -8.72
CIE LCh	58, 52.793, 350.496
Yxy	25.9229, 0.3913, 0.2615
Android (android.graphics.Color)	4292371356 (0xFFD8639C)
YUV	140.4810, 7.6509, 66.2302
Hunter-Lab	50.9145, 46.8931, -4.4402

Details

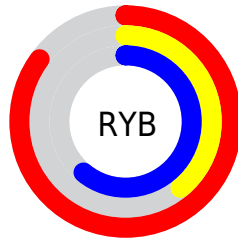
The Yxy color **25.9229, 0.3913, 0.2615** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.2840, 0.2732, 0.4124**, and the grayscale version is **26.3757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0243, 0.3570, 0.2716**, and **10.0904, 0.4176, 0.2401** is the 20% darker color. If you saturate the color by 10%, you get **22.0067, 0.4140, 0.2523**, and if you desaturate by 10%, it is **30.9704, 0.3711, 0.2730**.

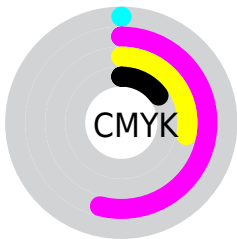
Distribution



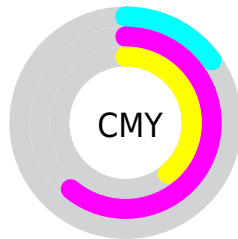
- Red (85%)
- Green (39%)
- Blue (61%)



- Red (85%)
- Yellow (39%)
- Blue (61%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (15%)




- Cyan (15%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9229, 0.3913, 0.2615 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 25.9229, 0.3913, 0.2615 by changing the saturation by 10% instead.

 25.9229, 0.3913,
0.2615


 25.9229, 0.3913,
0.2615


282.4034, 0.3492,
0.2968


 16.7660, 0.4028,
0.2522


 53.1505, 0.3753,
0.2747

 10.0678, 0.4181,
0.2400


 71.9900, 0.3695,
0.2795

 5.4439, 0.4397,
0.2233


 94.8258, 0.3647,
0.2836

 2.5100, 0.4718,
0.1992

 122.0424, 0.3606,
0.2870

 0.8816, 0.5244,
0.1621

154.0240, 0.3571,
0.2900

 0.0000, 0.7472,
0.0000

191.1551, 0.3541,

 0.0000, 1.0000,

0.2926

0.0000

233.8201, 0.3515,
0.2948

0.0000, 0.0000,
0.0000

25.9229, 0.3913,
0.2615

25.9229, 0.3913,
0.2615

22.0067, 0.4140,
0.2523

30.9704, 0.3711,
0.2730

19.1277, 0.4387,
0.2466

37.2259, 0.3537,
0.2858

17.1825, 0.4643,
0.2457

44.7636, 0.3390,
0.2988

16.0444, 0.4894,
0.2503

53.6507, 0.3267,
0.3117

15.6297, 0.5036,
0.2548

63.9499, 0.3164,
0.3241

■ 75.7195, 0.3080,
0.3356

■ 89.0149, 0.3010,
0.3464

■ 92.6942, 0.2950,
0.3396

■ 93.3443, 0.2894,
0.3289

Harmonies

Analogous

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



25.9229, 0.2991, 0.2194



25.9229, 0.3913, 0.2615



25.9229, 0.4657, 0.3179

Triad

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



25.9229, 0.3913, 0.2615



25.9229, 0.3886, 0.4891



25.9229, 0.1628, 0.2391

Complementary

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



25.9229, 0.3913, 0.2615



54.2840, 0.2732, 0.4124

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.



25.9229, 0.1787, 0.3118



25.9229, 0.3913, 0.2615



25.9229, 0.3053, 0.4840

Square

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



25.9229, 0.3913, 0.2615



25.9229, 0.4568, 0.4432



25.9229, 0.2284, 0.4103



25.9229, 0.1779, 0.2034

Rectangle

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



25.9229, 0.3913, 0.2615



25.9229, 0.4876, 0.3594



25.9229, 0.2284, 0.4103



25.9229, 0.1645, 0.2591

Sweetspot

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



25.9242, 0.3913, 0.2615



75.3996, 0.3289, 0.3092



21.0978, 0.2585, 0.1767



15.5454, 0.3314, 0.3066



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.



25.9242, 0.3913, 0.2615



31.3493, 0.4174, 0.2512



24.4237, 0.4727, 0.3295



12.5207, 0.3216, 0.3177



9.2695, 0.5001, 0.2529



0.5758, 0.4609, 0.2313

Inverse Universe

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



25.9242, 0.3913, 0.2615



31.3493, 0.4174, 0.2512



56.7407, 0.2440, 0.3288



12.5207, 0.3216, 0.3177



9.2695, 0.5001, 0.2529



0.5758, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 25.9229, 0.3913, 0.2615 looks on a white background.

Color Contrast Check

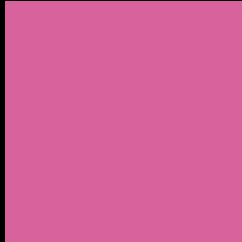
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9229, 0.3913, 0.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

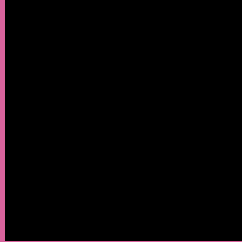
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9229, 0.3913, 0.2615

Background



This preview shows how black text looks on a background with the Yxy color 25.9229, 0.3913, 0.2615.



This preview shows how white text looks on a background with the Yxy color 25.9229, 0.3913, 0.2615.

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

25.9229, 0.3913, 0.2615

Protanopia

26.1436, 0.2631, 0.2602

Deuteranopia

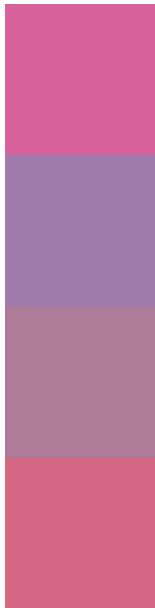
26.1999, 0.3127, 0.3068



Tritanopia

25.7502, 0.4406, 0.3196

Trichromacy



Original Color

25.9229, 0.3913, 0.2615

Protanomaly

24.9060, 0.3017, 0.2569

Deuteranomaly

25.3172, 0.3395, 0.2867

Tritanomaly

25.6585, 0.4224, 0.2976

Monochromacy



Original Color

25.9229, 0.3913, 0.2615

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.0674, 0.3403, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9229, 0.3913, 0.2615 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(216, 99, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 99, 156) }
```

Border

The CSS property to change the border of an element to Yxy 25.9229, 0.3913, 0.2615 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, 156) }
```

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

```
.border{ border-color:rgb(216, 99, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 99, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 99, 156); box-shadow:4px 4px 4px 4px rgb(216, 99, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9229, 0.3913, 0.2615 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, 156) }
```

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

```
.background{ background-color: rgb(216, 99,  
156) }
```

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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