

Converting Colors

$Y_{xy}(27.2594, 0.4218, 0.2899)$

Have a look what the booklet for
Yxy(27.2594, 0.4218, 0.2899)
contains.

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Color

Yxy(27.2652, 0.4213, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	DE688A
RGB	222, 104, 138
RGB Percent	87%, 41%, 54%
CMY	0.1294, 0.5922, 0.4588
CMYK	0.00, 0.53, 0.38, 0.13
HSL	343°, 64%, 64%
HSV	343°, 53%, 87%
XYZ	39.6645, 27.2652, 27.2181
YIQ	143.1580, 59.4140, 35.5900

Conversions

Conversions Part 2

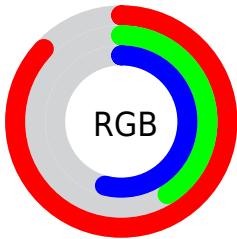
Format	Color
R _Y B	222, 104, 138
Decimal	14575754
CIE Lab	59.22, 49.42, 3.70
CIE LCh	59, 49.562, 4.281
Yxy	27.2652, 0.4213, 0.2896
Android (android.graphics.Color)	4292765834 (0xFFDE688A)
YUV	143.1580, -2.5429, 69.1444
Hunter-Lab	52.2161, 44.2143, 5.6458

Details

The Yxy color **27.2652, 0.4213, 0.2896** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.8220, 0.2614, 0.3758**, and the grayscale version is **27.5276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8179, 0.3743, 0.2958**, and **10.7723, 0.4600, 0.2752** is the 20% darker color. If you saturate the color by 10%, you get **22.9454, 0.4549, 0.2848**, and if you desaturate by 10%, it is **32.8307, 0.3920, 0.2963**.

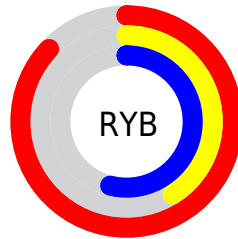
Distribution



Red (87%)

Green (41%)

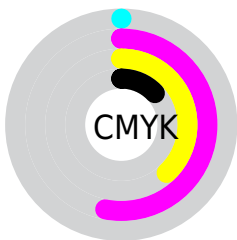
Blue (54%)



Red (87%)

Yellow (41%)

Blue (54%)

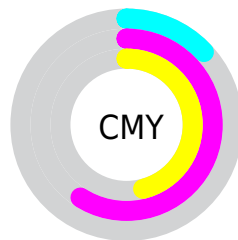


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2652, 0.4213, 0.2896 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 27.2652, 0.4213, 0.2896 by changing the saturation by 10% instead.


 27.2652, 0.4213,
0.2896


 27.2652, 0.4213,
0.2896


288.9389, 0.3622,
0.3116


 17.7725, 0.4377,
0.2833


 55.3091, 0.3986,
0.2982

 10.7868, 0.4598,
0.2747


 74.6292, 0.3905,
0.3012

 5.9236, 0.4910,
0.2622

 97.9937, 0.3837,
0.3037

 2.7987, 0.5379,
0.2430

 125.7873, 0.3780,
0.3058

 1.0276, 0.6152,
0.2103

158.3942, 0.3732,
0.3076

 0.0000, 1.0000,
0.0000

196.1988, 0.3690,

 0.0000, 0.0000,

0.3091

0.0000

239.5856, 0.3654,
0.3104

■ 27.2652, 0.4213,
0.2896

■ 27.2652, 0.4213,
0.2896

■ 22.9454, 0.4549,
0.2848

■ 32.8307, 0.3920,
0.2963

■ 19.7697, 0.4916,
0.2830

■ 39.7245, 0.3672,
0.3039

■ 17.6274, 0.5288,
0.2853


■ 48.0270, 0.3468,
0.3118

■ 16.3835, 0.5630,
0.2922

■ 57.8112, 0.3301,
0.3195

■ 15.9011, 0.5833,
0.2987

■ 69.1448, 0.3165,
0.3268

 82.0913, 0.3054,
0.3336

 93.8677, 0.2963,
0.3354

 94.2712, 0.2929,
0.3289

Harmonies

Analogous

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



27.2652, 0.3393, 0.2424



27.2652, 0.4213, 0.2896



27.2652, 0.4709, 0.3467

Triad

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



27.2652, 0.4213, 0.2896



27.2652, 0.3498, 0.4821



27.2652, 0.1751, 0.2263

Complementary

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



27.2652, 0.4213, 0.2896



58.8220, 0.2614, 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.



27.2652, 0.1767, 0.2787



27.2652, 0.4213, 0.2896



27.2652, 0.2719, 0.4462

Square

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



27.2652, 0.4213, 0.2896



27.2652, 0.4219, 0.4595



27.2652, 0.2094, 0.3619



27.2652, 0.2027, 0.2061

Rectangle

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



27.2652, 0.4213, 0.2896



27.2652, 0.4751, 0.3868



27.2652, 0.2094, 0.3619



27.2652, 0.1723, 0.2400

Sweetspot

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



27.2666, 0.4213, 0.2896



74.9430, 0.3347, 0.3173



25.6900, 0.2828, 0.1885



15.4372, 0.3381, 0.3157



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.



27.2666, 0.4213, 0.2896



30.7387, 0.4597, 0.2843



31.8650, 0.4513, 0.3569



13.7652, 0.3247, 0.3223



9.4607, 0.5795, 0.2966



0.6710, 0.5353, 0.2723

Inverse Universe

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



27.2666, 0.4213, 0.2896



30.7387, 0.4597, 0.2843



48.7923, 0.2383, 0.2967



13.7652, 0.3247, 0.3223



9.4607, 0.5795, 0.2966



0.6710, 0.5353, 0.2723

Previews

White Background



This preview shows how the Yxy color 27.2652, 0.4213, 0.2896 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 27.2652, 0.4213, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

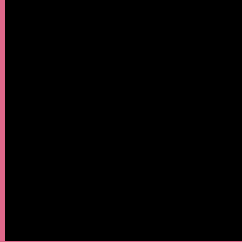
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2652, 0.4213, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 27.2652, 0.4213, 0.2896.



This preview shows how white text looks on a background with the Yxy color 27.2652, 0.4213, 0.2896.

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

27.2652, 0.4213, 0.2896

Protanopia

27.4595, 0.2935, 0.3003

Deuteranopia

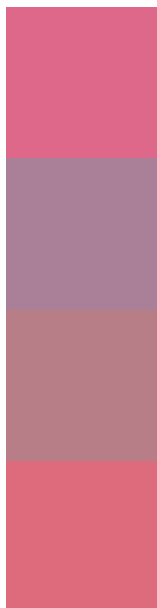
27.4475, 0.3439, 0.3369



Tritanopia

27.2017, 0.4474, 0.3200

Trichromacy



Original Color

27.2652, 0.4213, 0.2896

Protanomaly

26.2514, 0.3351, 0.2936

Deuteranomaly

26.7383, 0.3710, 0.3163

Tritanomaly

27.3428, 0.4381, 0.3094

Monochromacy



Original Color

27.2652, 0.4213, 0.2896

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.3943, 0.3499, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2652, 0.4213, 0.2896 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(222, 104, 138)` looks like.

```
.text, #text, p{  
    color:rgb(222, 104, 138)  
}
```

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(222, 104, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 104, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.2652, 0.4213, 0.2896 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(222, 104, 138) }
```

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

```
.border{ border-color:rgb(222, 104, 138) }
```

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

Here you see how a box with a 4 pixel rgb(222, 104, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 104, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 104, 138);  
box-shadow:4px 4px 4px 4px rgb(222, 104,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2652, 0.4213, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 104, 138) }
```

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

```
.background{ background-color: rgb(222,  
104, 138) }
```

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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