

Converting Colors

$Y_{xy}(25.7914, 0.3268, 0.2880)$

Have a look what the booklet for
Yxy(25.7914, 0.3268, 0.2880)
contains.

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Color

Yxy(25.9119, 0.3272, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	A6809B
RGB	166, 128, 155
RGB Percent	65%, 50%, 61%
CMY	0.3491, 0.4980, 0.3923
CMYK	0.00, 0.23, 0.07, 0.35
HSL	317°, 18%, 58%
HSV	317°, 23%, 65%
XYZ	29.3572, 25.9119, 34.4535
YIQ	142.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

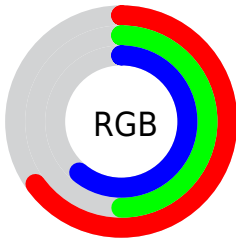
Format	Color
RYB	166, 128, 155
Decimal	10911899
CIELab	57.95, 19.22, -8.78
CIELCh	58, 21.130, 335.444
Yxy	25.9119, 0.3272, 0.2888
Android (android.graphics.Color)	4289101979 (0xFFA6809B)
YUV	142.4400, 6.1921, 20.6621
Hunter-Lab	50.9037, 13.8632, -4.4970

Details

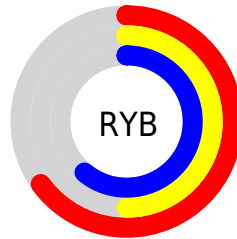
The Yxy color **25.9119, 0.3272, 0.2888** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.7219, 0.3008, 0.3729**, and the grayscale version is **27.2044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0233, 0.3243, 0.2972**, and **10.0257, 0.3325, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **21.7724, 0.3353, 0.2706**, and if you desaturate by 10%, it is **30.7685, 0.3202, 0.3068**.

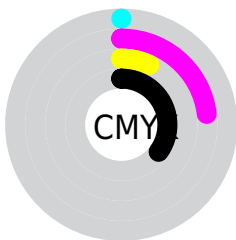
Distribution



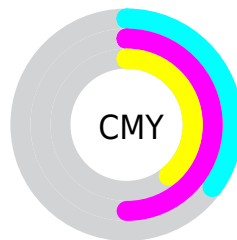
- Red (65%)
- Green (50%)
- Blue (61%)



- Red (65%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9119, 0.3272, 0.2888 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 25.9119, 0.3272, 0.2888 by changing the saturation by 10% instead.


 25.9119, 0.3272,
0.2888


 25.9119, 0.3272,
0.2888


282.3493, 0.3196,
0.3102

 16.7577, 0.3292,
0.2830


 53.1328, 0.3243,
0.2969

 10.0619, 0.3320,
0.2752


 71.9683, 0.3233,
0.2999

 5.4400, 0.3357,
0.2643


 94.7997, 0.3224,
0.3023

 2.5077, 0.3413,
0.2480

122.0115, 0.3217,
0.3044

 0.8805, 0.3503,
0.2209

153.9879, 0.3210,
0.3061

 0.0000, 0.4087,
0.0000

191.1134, 0.3205,

 0.0000, 0.0000,

0.3077

0.0000

233.7724, 0.3200,
0.3090

■ 25.9119, 0.3272,
0.2888

■ 25.9119, 0.3272,
0.2888

■ 21.7724, 0.3353,
0.2706

■ 30.7685, 0.3202,
0.3068

■ 18.3120, 0.3444,
0.2529

■ 36.3709, 0.3143,
0.3242

■ 15.4946, 0.3547,
0.2365

■ 42.7504, 0.3092,
0.3406

■ 13.2792, 0.3658,
0.2223

■ 49.9355, 0.3049,
0.3561

■ 11.6201, 0.3776,
0.2114

■ 57.9532, 0.3014,
0.3704

■ 10.4650, 0.3896,
0.2047

■ 66.8293, 0.2984,
0.3835

■ 9.7516, 0.4015,
0.2027

■ 76.5885, 0.2959,
0.3956

■ 9.4100, 0.4100,
0.2032

■ 83.4968, 0.2936,
0.4009

■ 83.7158, 0.2912,
0.3950

Harmonies

Analogous

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



25.9119, 0.2911, 0.2735



25.9119, 0.3272, 0.2888



25.9119, 0.3610, 0.3135

Triad

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



25.9119, 0.3272, 0.2888



25.9119, 0.3634, 0.3896



25.9119, 0.2485, 0.3088

Complementary

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



25.9119, 0.3272, 0.2888



33.7219, 0.3008, 0.3729

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.



25.9119, 0.2656, 0.3430



25.9119, 0.3272, 0.2888



25.9119, 0.3314, 0.3922

Square

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



25.9119, 0.3272, 0.2888



25.9119, 0.3822, 0.3706



25.9119, 0.2956, 0.3749



25.9119, 0.2474, 0.2830

Rectangle

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



25.9119, 0.3272, 0.2888



25.9119, 0.3767, 0.3329



25.9119, 0.2956, 0.3749



25.9119, 0.2525, 0.3197

Sweetspot

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



25.9130, 0.3272, 0.2888



61.5277, 0.3167, 0.3169



23.6640, 0.2859, 0.2683



13.6401, 0.3170, 0.3159



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9130, 0.3272, 0.2888



43.4048, 0.3308, 0.2804



25.3317, 0.3486, 0.3165



7.6290, 0.3180, 0.3131



7.3069, 0.4090, 0.2027



0.1860, 0.3740, 0.1834

Inverse Universe

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



25.9130, 0.3272, 0.2888



43.4048, 0.3308, 0.2804



34.3174, 0.2859, 0.3420



7.6290, 0.3180, 0.3131



7.3069, 0.4090, 0.2027



0.1860, 0.3740, 0.1834

Previews

White Background



This preview shows how the Yxy color 25.9119, 0.3272, 0.2888 looks on a white background.

Color Contrast Check

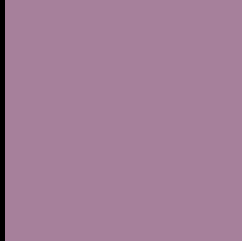
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9119, 0.3272, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

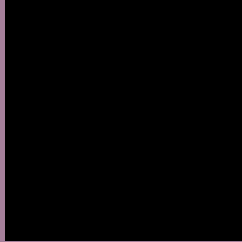
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9119, 0.3272, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 25.9119, 0.3272, 0.2888.



This preview shows how white text looks on a background with the Yxy color 25.9119, 0.3272, 0.2888.

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

25.9119, 0.3272, 0.2888

Protanopia

25.9365, 0.2864, 0.2902

Deuteranopia

26.1445, 0.3065, 0.3004



Tritanopia

26.0482, 0.3401, 0.3138

Trichromacy



Original Color

25.9119, 0.3272, 0.2888

Protanomaly

25.6644, 0.3005, 0.2895

Deuteranomaly

25.9782, 0.3142, 0.2964

Tritanomaly

26.0399, 0.3358, 0.3048

Monochromacy



Original Color

25.9119, 0.3272, 0.2888

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5772, 0.3179, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9119, 0.3272, 0.2888 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(166, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 155)  
}
```

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(166, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 155) }
```

Border

The CSS property to change the border of an element to Yxy 25.9119, 0.3272, 0.2888 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(166, 128, 155) }
```

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

```
.border{ border-color:rgb(166, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9119, 0.3272, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 155) }
```

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

```
.background{ background-color: rgb(166,  
128, 155) }
```

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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