

Converting Colors

$Y_{xy}(27.8165, 0.3413, 0.3062)$

Have a look what the booklet for
Yxy(27.8165, 0.3413, 0.3062)
contains.

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Color

Yxy(27.8292, 0.3410, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	AD8595
RGB	173, 133, 149
RGB Percent	68%, 52%, 58%
CMY	0.3216, 0.4784, 0.4157
CMYK	0.00, 0.23, 0.14, 0.32
HSL	336°, 20%, 60%
HSV	336°, 23%, 68%
XYZ	31.0427, 27.8292, 32.1624
YIQ	146.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

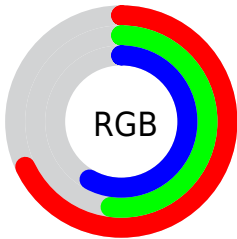
Format	Color
R _Y B	173, 133, 149
Decimal	11371925
CIE Lab	59.73, 17.89, -2.62
CIE LCh	60, 18.082, 351.667
Yxy	27.8292, 0.3410, 0.3057
Android (android.graphics.Color)	4289562005 (0xFFAD8595)
YUV	146.7840, 1.0925, 22.9914
Hunter-Lab	52.7534, 12.7198, 0.7797

Details

The Yxy color **27.8292, 0.3410, 0.3057** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3046, 0.2910, 0.3536**, and the grayscale version is **29.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0876, 0.3353, 0.3101**, and **11.0614, 0.3515, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **23.1598, 0.3576, 0.2950**, and if you desaturate by 10%, it is **33.3108, 0.3272, 0.3161**.

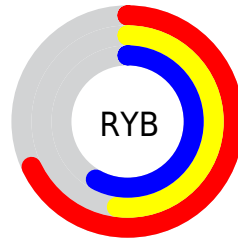
Distribution



Red (68%)

Green (52%)

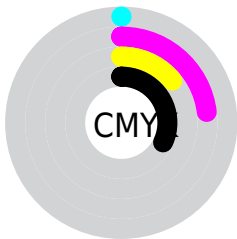
Blue (58%)



Red (68%)

Yellow (52%)

Blue (58%)

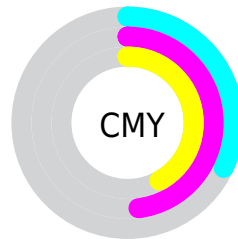


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8292, 0.3410, 0.3057 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 27.8292, 0.3410, 0.3057 by changing the saturation by 10% instead.


 27.8292, 0.3410,
0.3057


 27.8292, 0.3410,
0.3057


291.6499, 0.3257,
0.3182


 18.1969, 0.3452,
0.3023


 56.2116, 0.3352,
0.3105

 11.0915, 0.3510,
0.2977


 75.7306, 0.3330,
0.3122

 6.1284, 0.3591,
0.2912


 99.3139, 0.3313,
0.3136

 2.9233, 0.3717,
0.2813

127.3460, 0.3298,
0.3148

 1.0918, 0.3936,
0.2644

160.2113, 0.3286,
0.3158

 0.0000, 0.7301,
0.0000

198.2941, 0.3275,

 0.0000, 0.0000,

0.3167

0.0000

241.9788, 0.3266,
0.3175

■ 27.8292, 0.3410,
0.3057

■ 27.8292, 0.3410,
0.3057

■ 23.1598, 0.3576,
0.2950

■ 33.3108, 0.3272,
0.3161

■ 19.2599, 0.3775,
0.2846

■ 39.6370, 0.3158,
0.3260

■ 16.0887, 0.4008,
0.2751

■ 46.8433, 0.3065,
0.3353

■ 13.5997, 0.4274,
0.2675

■ 54.9618, 0.2988,
0.3439

■ 11.7415, 0.4567,
0.2630

■ 64.0231, 0.2924,
0.3518

■ 10.4550, 0.4872,
0.2628

■ 74.0562, 0.2872,
0.3590

■ 9.6695, 0.5171,
0.2677

■ 85.0891, 0.2829,
0.3655

■ 9.3140, 0.5368,
0.2731

■ 86.2334, 0.2777,
0.3545

■ 86.8416, 0.2726,
0.3427

Harmonies

Analogous

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



27.8292, 0.3108, 0.2879



27.8292, 0.3410, 0.3057



27.8292, 0.3640, 0.3295

Triad

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



27.8292, 0.3410, 0.3057



27.8292, 0.3418, 0.3826



27.8292, 0.2563, 0.2995

Complementary

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



27.8292, 0.3410, 0.3057



37.3046, 0.2910, 0.3536

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.



27.8292, 0.2637, 0.3251



27.8292, 0.3410, 0.3057



27.8292, 0.3123, 0.3754

Square

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



27.8292, 0.3410, 0.3057



27.8292, 0.3642, 0.3741



27.8292, 0.2839, 0.3537



27.8292, 0.2629, 0.2834

Rectangle

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



27.8292, 0.3410, 0.3057



27.8292, 0.3716, 0.3462



27.8292, 0.2839, 0.3537



27.8292, 0.2572, 0.3072

Sweetspot

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



27.8305, 0.3410, 0.3057



66.2659, 0.3201, 0.3221



26.9627, 0.2985, 0.2697



14.2606, 0.3208, 0.3216



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.8305, 0.3410, 0.3057



45.1739, 0.3496, 0.3000



28.4705, 0.3579, 0.3351



8.0664, 0.3226, 0.3200



6.8543, 0.5341, 0.2716



0.2017, 0.4547, 0.2278

Inverse Universe

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



27.8305, 0.3410, 0.3057



45.1739, 0.3496, 0.3000



36.3763, 0.2787, 0.3228



8.0664, 0.3226, 0.3200



6.8543, 0.5341, 0.2716



0.2017, 0.4547, 0.2278

Previews

White Background



This preview shows how the Yxy color 27.8292, 0.3410, 0.3057 looks on a white background.

Color Contrast Check

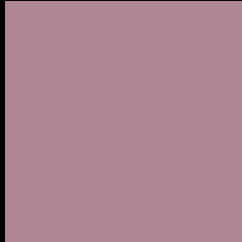
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8292, 0.3410, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

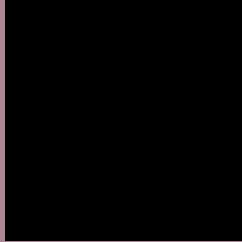
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8292, 0.3410, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 27.8292, 0.3410, 0.3057.



This preview shows how white text looks on a background with the Yxy color 27.8292, 0.3410, 0.3057.

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

27.8292, 0.3410, 0.3057

Protanopia

27.9408, 0.3022, 0.3099

Deuteranopia

27.9622, 0.3220, 0.3166



Tritanopia

27.8345, 0.3452, 0.3143

Trichromacy



Original Color

27.8292, 0.3410, 0.3057

Protanomaly

27.7337, 0.3159, 0.3074

Deuteranomaly

27.7108, 0.3290, 0.3123

Tritanomaly

27.8962, 0.3430, 0.3114

Monochromacy



Original Color

27.8292, 0.3410, 0.3057

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5520, 0.3217, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8292, 0.3410, 0.3057 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(173, 133, 149)` looks like.

```
.text, #text, p{  
  color:rgb(173, 133, 149)  
}
```

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(173, 133, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.8292, 0.3410, 0.3057 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(173, 133, 149) }
```

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

```
.border{ border-color:rgb(173, 133, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8292, 0.3410, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 149) }
```

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

```
.background{ background-color: rgb(173,  
133, 149) }
```

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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