

Converting Colors

$Y_{xy}(27.6622, 0.3835, 0.3129)$

Have a look what the booklet for
Yxy(27.6622, 0.3835, 0.3129)
contains.

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Color

Yxy(27.6622, 0.3835, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	C27C88
RGB	194, 124, 136
RGB Percent	76%, 49%, 53%
CMY	0.2391, 0.5138, 0.4667
CMYK	0.00, 0.36, 0.30, 0.24
HSL	350°, 36%, 62%
HSV	350°, 36%, 76%
XYZ	33.9037, 27.6622, 26.8400
YIQ	146.2980, 37.8680, 18.5720

Conversions

Conversions Part 2

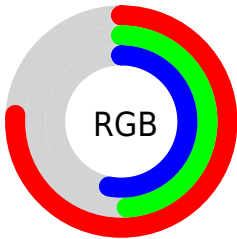
Format	Color
RYB	194, 124, 136
Decimal	12745864
CIELab	59.58, 28.81, 4.91
CIELCh	60, 29.230, 9.675
Yxy	27.6622, 0.3835, 0.3129
Android (android.graphics.Color)	4290935944 (0xFFC27C88)
YUV	146.2980, -5.0769, 41.8347
Hunter-Lab	52.5949, 23.0235, 6.5597

Details

The Yxy color **27.6622, 0.3835, 0.3129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2579, 0.2698, 0.3462**, and the grayscale version is **28.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8139, 0.3689, 0.3165**, and **11.0584, 0.4105, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **22.8465, 0.4140, 0.3086**, and if you desaturate by 10%, it is **33.5059, 0.3583, 0.3175**.

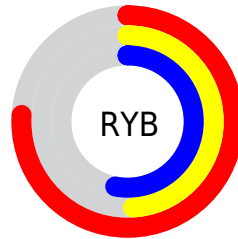
Distribution



Red (76%)

Green (49%)

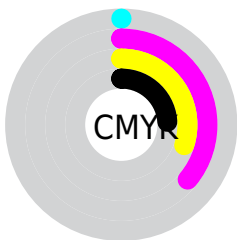
Blue (53%)



Red (76%)

Yellow (49%)

Blue (53%)

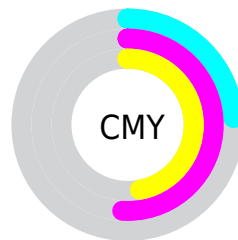


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6622, 0.3835, 0.3129 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 27.6622, 0.3835, 0.3129 by changing the saturation by 10% instead.


 27.6622, 0.3835,
0.3129


 27.6622, 0.3835,
0.3129


290.8492, 0.3448,
0.3222


 18.0712, 0.3944,
0.3101


 55.9447, 0.3686,
0.3166

 11.0011, 0.4091,
0.3062


 75.4049, 0.3632,
0.3179

 6.0676, 0.4303,
0.3003

 98.9237, 0.3588,
0.3189

 2.8862, 0.4630,
0.2906

126.8854, 0.3551,
0.3198

 1.0726, 0.5205,
0.2729

159.6744, 0.3520,
0.3205

 0.0000, 1.0000,
0.0000

197.6751, 0.3493,

 0.0000, 0.0000,

0.3212

0.0000

241.2719, 0.3469,
0.3217

■ 27.6622, 0.3835,
0.3129

■ 27.6622, 0.3835,
0.3129

■ 22.8465, 0.4140,
0.3086

■ 33.5059, 0.3583,
0.3175

■ 18.9954, 0.4500,
0.3052

■ 40.4281, 0.3378,
0.3221

■ 16.0445, 0.4904,
0.3033


■ 48.4811, 0.3212,
0.3265

■ 13.9203, 0.5329,
0.3039


■ 57.7123, 0.3078,
0.3306

■ 12.5372, 0.5728,
0.3075


■ 68.1665, 0.2970,
0.3343

 11.7870, 0.6050,
0.3140

 79.8862, 0.2881,
0.3377

 11.5837, 0.6153,
0.3163

 89.8037, 0.2806,
0.3357

 90.2126, 0.2773,
0.3289

Harmonies

Analogous

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



27.6622, 0.3388, 0.2797



27.6622, 0.3835, 0.3129



27.6622, 0.4080, 0.3514

Triad

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



27.6622, 0.3835, 0.3129



27.6622, 0.3300, 0.4144



27.6622, 0.2278, 0.2635

Complementary

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



27.6622, 0.3835, 0.3129



46.2579, 0.2698, 0.3462

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.



27.6622, 0.2260, 0.2947



27.6622, 0.3835, 0.3129



27.6622, 0.2826, 0.3870

Square

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



27.6622, 0.3835, 0.3129



27.6622, 0.3749, 0.4128



27.6622, 0.2452, 0.3405



27.6622, 0.2500, 0.2515

Rectangle

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



27.6622, 0.3835, 0.3129



27.6622, 0.4086, 0.3764



27.6622, 0.2452, 0.3405



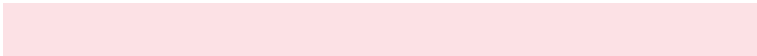
27.6622, 0.2248, 0.2718

Sweetspot

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



27.6635, 0.3835, 0.3129



80.1390, 0.3292, 0.3243



28.1561, 0.3034, 0.2370



17.1126, 0.3315, 0.3237



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.



27.6635, 0.3835, 0.3129



43.3208, 0.4061, 0.3096



33.5380, 0.3877, 0.3592



10.1054, 0.3263, 0.3251



7.6223, 0.6126, 0.3148



0.3383, 0.5550, 0.2831

Inverse Universe

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



27.6635, 0.3835, 0.3129



43.3208, 0.4061, 0.3096



37.6281, 0.2581, 0.2963



10.1054, 0.3263, 0.3251



7.6223, 0.6126, 0.3148



0.3383, 0.5550, 0.2831

Previews

White Background



This preview shows how the Yxy color 27.6622, 0.3835, 0.3129 looks on a white background.

Color Contrast Check

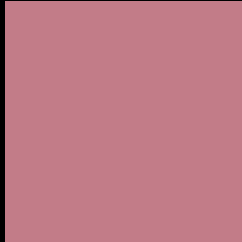
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6622, 0.3835, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

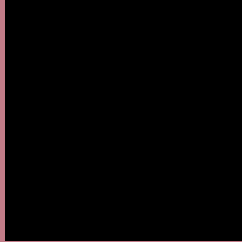
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6622, 0.3835, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 27.6622, 0.3835, 0.3129.



This preview shows how white text looks on a background with the Yxy color 27.6622, 0.3835, 0.3129.

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

27.6622, 0.3835, 0.3129

Protanopia

27.8625, 0.3120, 0.3226

Deuteranopia

27.8401, 0.3448, 0.3384



Tritanopia

27.6059, 0.3860, 0.3156

Trichromacy



Original Color

27.6622, 0.3835, 0.3129

Protanomaly

27.3780, 0.3357, 0.3184

Deuteranomaly

27.7701, 0.3589, 0.3291

Tritanomaly

27.6339, 0.3847, 0.3143

Monochromacy



Original Color

27.6622, 0.3835, 0.3129

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9165, 0.3364, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6622, 0.3835, 0.3129 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(194, 124, 136)` looks like.

```
.text, #text, p{  
    color:rgb(194, 124, 136)  
}
```

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(194, 124, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 124, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.6622, 0.3835, 0.3129 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(194, 124, 136) }
```

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

```
.border{ border-color:rgb(194, 124, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 124, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 124, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 124, 136); box-shadow:4px 4px 4px 4px rgb(194, 124, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6622, 0.3835, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 124, 136) }
```

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

```
.background{ background-color: rgb(194,  
124, 136) }
```

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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