

Converting Colors

$Y_{xy}(27.4654, 0.3803, 0.3121)$

Have a look what the booklet for
Yxy(27.4654, 0.3803, 0.3121)
contains.

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Color

Yxy(27.4279, 0.3799, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	C07C89
RGB	192, 124, 137
RGB Percent	75%, 49%, 54%
CMY	0.2470, 0.5137, 0.4628
CMYK	0.00, 0.35, 0.29, 0.25
HSL	349°, 35%, 62%
HSV	349°, 35%, 75%
XYZ	33.4613, 27.4279, 27.1901
YIQ	145.8140, 36.3550, 18.4590

Conversions

Conversions Part 2

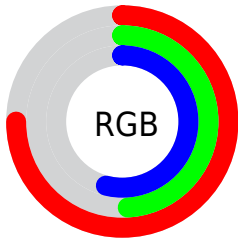
Format	Color
R _Y B	192, 124, 137
Decimal	12614793
CIE Lab	59.37, 28.19, 4.00
CIE LCh	59, 28.471, 8.078
Yxy	27.4279, 0.3799, 0.3114
Android (android.graphics.Color)	4290804873 (0xFFC07C89)
YUV	145.8140, -4.3453, 40.5051
Hunter-Lab	52.3717, 22.3970, 5.8782

Details

The Yxy color **27.4279, 0.3799, 0.3114** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2435, 0.2714, 0.3478**, and the grayscale version is **28.6718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4860, 0.3662, 0.3153**, and **10.9040, 0.4052, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **22.6619, 0.4092, 0.3066**, and if you desaturate by 10%, it is **33.1977, 0.3557, 0.3166**.

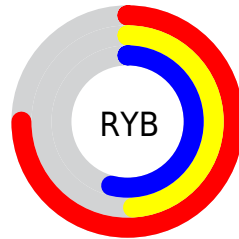
Distribution



Red (75%)

Green (49%)

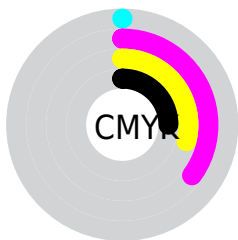
Blue (54%)



Red (75%)

Yellow (49%)

Blue (54%)

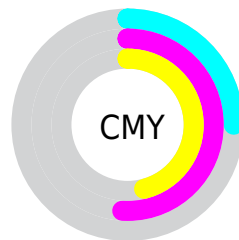


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4279, 0.3799, 0.3114 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 27.4279, 0.3799, 0.3114 by changing the saturation by 10% instead.

 27.4279, 0.3799,
0.3114

 27.4279, 0.3799,
0.3114


289.7230, 0.3432,
0.3214


 17.8948, 0.3902,
0.3084


 55.5698, 0.3657,
0.3154

 10.8745, 0.4043,
0.3043


 74.9473, 0.3607,
0.3167

 5.9825, 0.4245,
0.2982

 98.3752, 0.3565,
0.3179

 2.8345, 0.4557,
0.2882

126.2378, 0.3530,
0.3188

 1.0459, 0.5107,
0.2700

158.9195, 0.3500,
0.3196

 0.0000, 1.0000,
0.0000

196.8047, 0.3474,

 0.0000, 0.0000,

0.3203

0.0000

240.2777, 0.3451,
0.3209

■ 27.4279, 0.3799,
0.3114

■ 27.4279, 0.3799,
0.3114

■ 22.6619, 0.4092,
0.3066

■ 33.1977, 0.3557,
0.3166

■ 18.8383, 0.4438,
0.3026

■ 40.0202, 0.3360,
0.3217

■ 15.8954, 0.4830,
0.3002

■ 47.9456, 0.3200,
0.3265

■ 13.7622, 0.5246,
0.3004

■ 57.0199, 0.3071,
0.3310

■ 12.3568, 0.5645,
0.3039

■ 67.2865, 0.2967,
0.3352

■ 11.5784, 0.5977,
0.3105

■ 78.7865, 0.2881,
0.3389

■ 11.3387, 0.6104,
0.3136

■ 89.3650, 0.2809,
0.3388

■ 89.9473, 0.2762,
0.3289

Harmonies

Analogous

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



27.4279, 0.3356, 0.2793



27.4279, 0.3799, 0.3114



27.4279, 0.4052, 0.3490

Triad

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



27.4279, 0.3799, 0.3114



27.4279, 0.3322, 0.4130



27.4279, 0.2290, 0.2662

Complementary

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



27.4279, 0.3799, 0.3114



45.2435, 0.2714, 0.3478

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.



27.4279, 0.2283, 0.2977



27.4279, 0.3799, 0.3114



27.4279, 0.2857, 0.3876

Square

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



27.4279, 0.3799, 0.3114



27.4279, 0.3755, 0.4101



27.4279, 0.2482, 0.3429



27.4279, 0.2497, 0.2533

Rectangle

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



27.4279, 0.3799, 0.3114



27.4279, 0.4069, 0.3737



27.4279, 0.2482, 0.3429



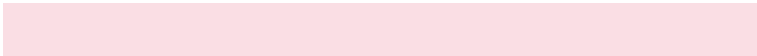
27.4279, 0.2264, 0.2747

Sweetspot

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



27.4292, 0.3799, 0.3114



78.3491, 0.3288, 0.3238



27.7354, 0.3025, 0.2385



16.3965, 0.3311, 0.3231



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.4292, 0.3799, 0.3114



42.4262, 0.4038, 0.3074



32.7320, 0.3863, 0.3571



10.1086, 0.3260, 0.3246



7.6379, 0.6077, 0.3121



0.3397, 0.5472, 0.2788

Inverse Universe

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



27.4292, 0.3799, 0.3114



42.4262, 0.4038, 0.3074



37.4467, 0.2593, 0.2988



10.1086, 0.3260, 0.3246



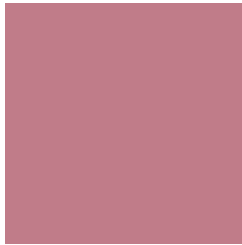
7.6379, 0.6077, 0.3121



0.3397, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 27.4279, 0.3799, 0.3114 looks on a white background.

Color Contrast Check

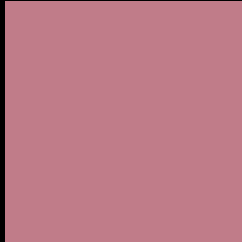
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4279, 0.3799, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

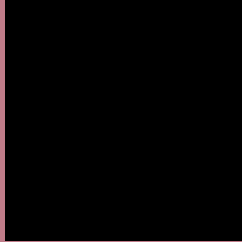
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4279, 0.3799, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 27.4279, 0.3799, 0.3114.



This preview shows how white text looks on a background with the Yxy color 27.4279, 0.3799, 0.3114.

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

27.4279, 0.3799, 0.3114

Protanopia

27.8028, 0.3099, 0.3210

Deuteranopia

27.3718, 0.3417, 0.3353



Tritanopia

27.5949, 0.3832, 0.3169

Trichromacy



Original Color

27.4279, 0.3799, 0.3114

Protanomaly

27.3033, 0.3335, 0.3168

Deuteranomaly

27.2950, 0.3558, 0.3261

Tritanomaly

27.6230, 0.3820, 0.3155

Monochromacy



Original Color

27.4279, 0.3799, 0.3114

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9467, 0.3353, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4279, 0.3799, 0.3114 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(192, 124, 137)` looks like.

```
.text, #text, p{  
    color:rgb(192, 124, 137)  
}
```

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(192, 124, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 124, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.4279, 0.3799, 0.3114 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(192, 124, 137) }
```

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

```
.border{ border-color:rgb(192, 124, 137) }
```

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

Here you see how a box with a 4 pixel rgb(192, 124, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 124, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 124, 137);  
box-shadow:4px 4px 4px 4px rgb(192, 124,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4279, 0.3799, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 124, 137) }
```

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

```
.background{ background-color: rgb(192,  
124, 137) }
```

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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