

Converting Colors

$Y_{xy}(27.1849, 0.3727, 0.3003)$

Have a look what the booklet for
Yxy(27.1849, 0.3727, 0.3003)
contains.

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Color

Yxy(27.1087, 0.3731, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	C07A8F
RGB	192, 122, 143
RGB Percent	75%, 48%, 56%
CMY	0.2470, 0.5216, 0.4392
CMYK	0.00, 0.36, 0.26, 0.25
HSL	342°, 36%, 62%
HSV	342°, 36%, 75%
XYZ	33.6581, 27.1087, 29.4452
YIQ	145.3240, 34.9790, 21.3710

Conversions

Conversions Part 2

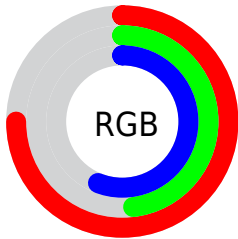
Format	Color
RYB	192, 122, 143
Decimal	12614287
CIELab	59.07, 30.14, 0.10
CIElCh	59, 30.144, 0.199
Yxy	27.1087, 0.3731, 0.3005
Android (android.graphics.Color)	4290804367 (0xFFC07A8F)
YUV	145.3240, -1.1457, 40.9349
Hunter-Lab	52.0660, 24.2758, 2.9156

Details

The Yxy color **27.1087, 0.3731, 0.3005** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7831, 0.2752, 0.3600**, and the grayscale version is **28.4488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0152, 0.3604, 0.3059**, and **10.7434, 0.3947, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **22.4682, 0.3984, 0.2928**, and if you desaturate by 10%, it is **32.7321, 0.3520, 0.3086**.

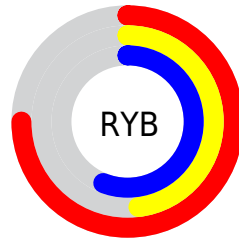
Distribution



Red (75%)

Green (48%)

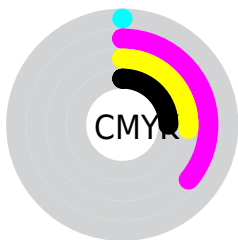
Blue (56%)



Red (75%)

Yellow (48%)

Blue (56%)

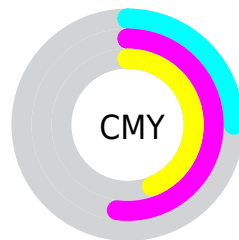


Cyan (0%)

Magenta (36%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1087, 0.3731, 0.3005 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 27.1087, 0.3731, 0.3005 by changing the saturation by 10% instead.


 27.1087, 0.3731,
0.3005


 27.1087, 0.3731,
0.3005


288.1830, 0.3402,
0.3160


 17.6549, 0.3823,
0.2961


 55.0582, 0.3604,
0.3065

 10.7025, 0.3948,
0.2902


 74.3228, 0.3559,
0.3086

 5.8672, 0.4128,
0.2817

 97.6263, 0.3522,
0.3104

 2.7645, 0.4405,
0.2686

125.3532, 0.3490,
0.3119

 1.0100, 0.4886,
0.2458

157.8880, 0.3463,
0.3132

 0.0000, 1.0000,
0.0000

195.6149, 0.3440,

 0.0000, 0.0000,

0.3143

0.0000

238.9185, 0.3420,
0.3152

■ 27.1087, 0.3731,
0.3005

■ 27.1087, 0.3731,
0.3005

■ 22.4682, 0.3984,
0.2928

■ 32.7321, 0.3520,
0.3086

■ 18.7499, 0.4282,
0.2863

■ 39.3869, 0.3346,
0.3166

■ 15.8924, 0.4618,
0.2820

■ 47.1227, 0.3205,
0.3243

■ 13.8249, 0.4979,
0.2810


■ 55.9851, 0.3089,
0.3315


■ 12.4655, 0.5339,
0.2843

■ 66.0169, 0.2995,
0.3381


 11.7073, 0.5663,
0.2921

 77.2587, 0.2917,
0.3442

 11.5096, 0.5769,
0.2952

 88.8479, 0.2853,
0.3482

 89.6637, 0.2785,
0.3336

 89.9482, 0.2763,
0.3289

Harmonies

Analogous

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



27.1087, 0.3233, 0.2694



27.1087, 0.3731, 0.3005



27.1087, 0.4067, 0.3392

Triad

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



27.1087, 0.3731, 0.3005



27.1087, 0.3461, 0.4205



27.1087, 0.2219, 0.2691

Complementary

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



27.1087, 0.3731, 0.3005



44.7831, 0.2752, 0.3600

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.



27.1087, 0.2269, 0.3070



27.1087, 0.3731, 0.3005



27.1087, 0.2963, 0.4015

Square

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



27.1087, 0.3731, 0.3005



27.1087, 0.3890, 0.4097



27.1087, 0.2531, 0.3571



27.1087, 0.2383, 0.2505

Rectangle

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



27.1087, 0.3731, 0.3005



27.1087, 0.4137, 0.3658



27.1087, 0.2531, 0.3571



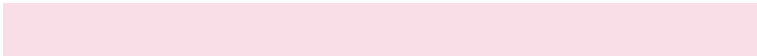
27.1087, 0.2211, 0.2798

Sweetspot

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



27.1100, 0.3731, 0.3005



78.5168, 0.3268, 0.3207



26.3839, 0.2948, 0.2338



16.4363, 0.3287, 0.3197



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.



27.1100, 0.3731, 0.3005



42.0597, 0.3937, 0.2941



30.2219, 0.3927, 0.3485



10.1265, 0.3243, 0.3221



7.7557, 0.5737, 0.2934



0.3476, 0.5083, 0.2574

Inverse Universe

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



27.1100, 0.3731, 0.3005



42.0597, 0.3937, 0.2941



39.7886, 0.2593, 0.3083



10.1265, 0.3243, 0.3221



7.7557, 0.5737, 0.2934



0.3476, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 27.1087, 0.3731, 0.3005 looks on a white background.

Color Contrast Check

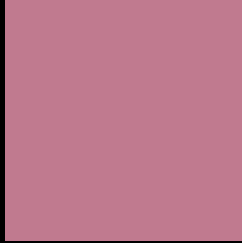
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1087, 0.3731, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

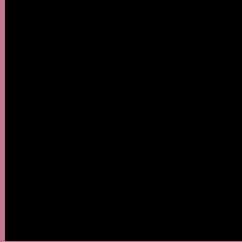
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1087, 0.3731, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 27.1087, 0.3731, 0.3005.



This preview shows how white text looks on a background with the Yxy color 27.1087, 0.3731, 0.3005.

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

27.1087, 0.3731, 0.3005

Protanopia

27.4633, 0.3001, 0.3082

Deuteranopia

27.2385, 0.3318, 0.3259



Tritanopia

27.1851, 0.3837, 0.3168

Trichromacy



Original Color

27.1087, 0.3731, 0.3005

Protanomaly

27.0359, 0.3239, 0.3046

Deuteranomaly

26.9717, 0.3468, 0.3156

Tritanomaly

27.0484, 0.3791, 0.3099

Monochromacy



Original Color

27.1087, 0.3731, 0.3005

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5863, 0.3333, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1087, 0.3731, 0.3005 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, 122, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 122, 143)  
}
```

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, 122, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 122, 143) }
```

Border

The CSS property to change the border of an element to Yxy 27.1087, 0.3731, 0.3005 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, 122, 143) }
```

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

```
.border{ border-color:rgb(192, 122, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 122, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 122, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 122, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 122,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1087, 0.3731, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 122, 143) }
```

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

```
.background{ background-color: rgb(192,  
122, 143) }
```

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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