

Converting Colors

$Y_{xy}(27.1482, 0.3622, 0.2872)$

Have a look what the booklet for
Yxy(27.1482, 0.3622, 0.2872)
contains.

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Color

Yxy(27.1482, 0.3622, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	C07998
RGB	192, 121, 152
RGB Percent	75%, 47%, 60%
CMY	0.2472, 0.5254, 0.4039
CMYK	0.00, 0.37, 0.21, 0.25
HSL	334°, 36%, 61%
HSV	334°, 37%, 75%
XYZ	34.2377, 27.1482, 33.1412
YIQ	145.7630, 32.3650, 24.6930

Conversions

Conversions Part 2

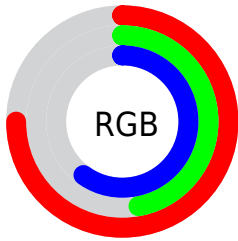
Format	Color
R _Y B	192, 121, 152
Decimal	12614040
CIE Lab	59.11, 32.01, -5.03
CIE LCh	59, 32.399, 351.065
Yxy	27.1482, 0.3622, 0.2872
Android (android.graphics.Color)	4290804120 (0xFFC07998)
YUV	145.7630, 3.0748, 40.5498
Hunter-Lab	52.1039, 26.1113, -1.2392

Details

The Yxy color **27.1482, 0.3622, 0.2872** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.3263, 0.2810, 0.3756**, and the grayscale version is **28.6208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0523, 0.3526, 0.2955**, and **10.7644, 0.3797, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **22.5994, 0.3821, 0.2760**, and if you desaturate by 10%, it is **32.6603, 0.3453, 0.2989**.

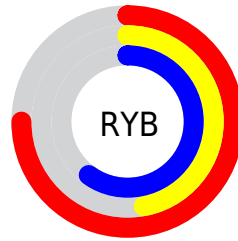
Distribution



Red (75%)

Green (47%)

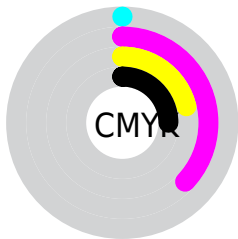
Blue (60%)



Red (75%)

Yellow (47%)

Blue (60%)

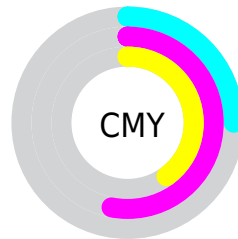


Cyan (0%)

Magenta (37%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1482, 0.3622, 0.2872 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 27.1482, 0.3622, 0.2872 by changing the saturation by 10% instead.

 27.1482, 0.3622,
0.2872

 27.1482, 0.3622,
0.2872


288.3740, 0.3356,
0.3094


 17.6846, 0.3696,
0.2812


 55.1216, 0.3520,
0.2956

 10.7238, 0.3794,
0.2732


 74.4001, 0.3484,
0.2986

 5.8814, 0.3935,
0.2621


 97.7191, 0.3453,
0.3012

 2.7731, 0.4149,
0.2455

125.4628, 0.3427,
0.3033

 1.0145, 0.4512,
0.2183

158.0158, 0.3406,
0.3052

 0.0000, 0.7376,
0.0000

195.7624, 0.3387,

 0.0000, 0.0000,

0.3068

0.0000

239.0870, 0.3370,
0.3082

■ 27.1482, 0.3622,
0.2872

■ 27.1482, 0.3622,
0.2872

■ 22.5994, 0.3821,
0.2760

■ 32.6603, 0.3453,
0.2989

■ 18.9539, 0.4052,
0.2662

■ 39.1835, 0.3312,
0.3105

■ 16.1508, 0.4312,
0.2589


■ 46.7670, 0.3196,
0.3216


■ 14.1200, 0.4592,
0.2554


■ 55.4556, 0.3100,
0.3321


■ 12.7800, 0.4877,
0.2567

■ 65.2916, 0.3021,
0.3419


 12.0195, 0.5151,
0.2632

 76.3150, 0.2956,
0.3508

 11.8401, 0.5233,
0.2656

 88.3079, 0.2902,
0.3586

 88.9265, 0.2846,
0.3466

 89.5833, 0.2791,
0.3349

Harmonies

Analogous

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



27.1482, 0.3069, 0.2579



27.1482, 0.3622, 0.2872



27.1482, 0.4056, 0.3265

Triad

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



27.1482, 0.3622, 0.2872



27.1482, 0.3636, 0.4270



27.1482, 0.2150, 0.2748

Complementary

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



27.1482, 0.3622, 0.2872



44.3263, 0.2810, 0.3756

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.



27.1482, 0.2272, 0.3207



27.1482, 0.3622, 0.2872



27.1482, 0.3109, 0.4172

Square

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



27.1482, 0.3622, 0.2872



27.1482, 0.4047, 0.4065



27.1482, 0.2613, 0.3756



27.1482, 0.2256, 0.2488

Rectangle

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



27.1482, 0.3622, 0.2872



27.1482, 0.4196, 0.3549



27.1482, 0.2613, 0.3756



27.1482, 0.2165, 0.2882

Sweetspot

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



27.1495, 0.3622, 0.2872



78.7310, 0.3242, 0.3170



24.9623, 0.2834, 0.2293



16.4873, 0.3258, 0.3155



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.



27.1495, 0.3622, 0.2872



42.6742, 0.3774, 0.2785



27.1418, 0.3996, 0.3341



10.1493, 0.3222, 0.3190



7.9848, 0.5202, 0.2639



0.3588, 0.4647, 0.2334

Inverse Universe

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



27.1495, 0.3622, 0.2872



42.6742, 0.3774, 0.2785



44.0190, 0.2609, 0.3237



10.1493, 0.3222, 0.3190



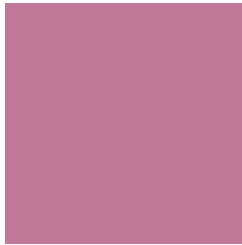
7.9848, 0.5202, 0.2639



0.3588, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 27.1482, 0.3622, 0.2872 looks on a white background.

Color Contrast Check

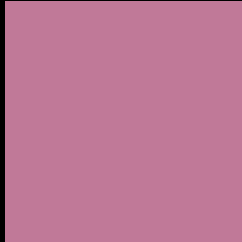
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1482, 0.3622, 0.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

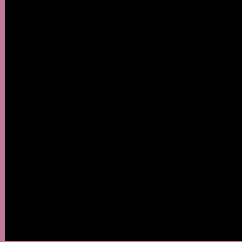
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1482, 0.3622, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 27.1482, 0.3622, 0.2872.



This preview shows how white text looks on a background with the Yxy color 27.1482, 0.3622, 0.2872.

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

27.1482, 0.3622, 0.2872

Protanopia

27.5516, 0.2880, 0.2926

Deuteranopia

27.2169, 0.3190, 0.3118



Tritanopia

27.0837, 0.3813, 0.3153

Trichromacy



Original Color

27.1482, 0.3622, 0.2872

Protanomaly

26.8574, 0.3124, 0.2896

Deuteranomaly

27.0294, 0.3344, 0.3022

Tritanomaly

27.1654, 0.3741, 0.3045

Monochromacy



Original Color

27.1482, 0.3622, 0.2872

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.8160, 0.3301, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1482, 0.3622, 0.2872 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, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(192, 121, 152)  
}
```

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, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 121, 152) }
```

Border

The CSS property to change the border of an element to Yxy 27.1482, 0.3622, 0.2872 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, 121, 152) }
```

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

```
.border{ border-color:rgb(192, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(192, 121,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1482, 0.3622, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 121, 152) }
```

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

```
.background{ background-color: rgb(192,  
121, 152) }
```

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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