

Converting Colors

$Y_{xy}(27.2888, 0.3988, 0.3282)$

Have a look what the booklet for
Yxy(27.2888, 0.3988, 0.3282)
contains.

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Color

Yxy(27.3399, 0.3986, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	C27C7C
RGB	194, 124, 124
RGB Percent	76%, 49%, 49%
CMY	0.2392, 0.5137, 0.5138
CMYK	0.00, 0.36, 0.36, 0.24
HSL	0°, 36%, 62%
HSV	0°, 36%, 76%
XYZ	33.0935, 27.3399, 22.5909
YIQ	144.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

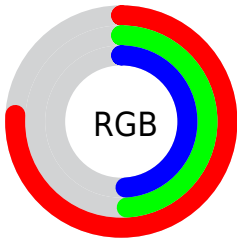
Format	Color
RYB	194, 124, 124
Decimal	12745852
CIELab	59.29, 27.24, 11.41
CIElCh	59, 29.529, 22.721
Yxy	27.3399, 0.3986, 0.3293
Android (android.graphics.Color)	4290935932 (0xFFC27C7C)
YUV	144.9300, -10.3185, 43.0344
Hunter-Lab	52.2876, 21.4717, 10.9850

Details

The Yxy color **27.3399, 0.3986, 0.3293** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7482, 0.2626, 0.3288**, and the grayscale version is **28.3155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2743, 0.3806, 0.3303**, and **10.8088, 0.4303, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **22.5061, 0.4360, 0.3294**, and if you desaturate by 10%, it is **33.2285, 0.3677, 0.3292**.

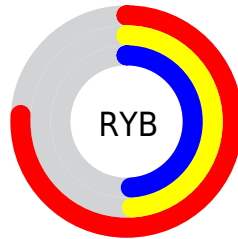
Distribution



Red (76%)

Green (49%)

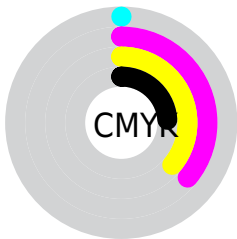
Blue (49%)



Red (76%)

Yellow (49%)

Blue (49%)

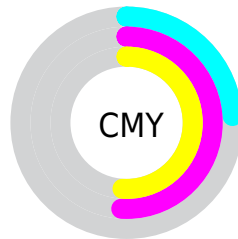


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3399, 0.3986, 0.3293 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 27.3399, 0.3986, 0.3293 by changing the saturation by 10% instead.


 27.3399, 0.3986,
0.3293


 27.3399, 0.3986,
0.3293


289.2991, 0.3514,
0.3304


 17.8287, 0.4119,
0.3285


 55.4288, 0.3803,
0.3301

 10.8270, 0.4300,
0.3270


 74.7753, 0.3738,
0.3302

 5.9507, 0.4560,
0.3242

 98.1690, 0.3685,
0.3303

 2.8151, 0.4958,
0.3183

125.9942, 0.3639,
0.3304

 1.0360, 0.5860,
0.3158

158.6355, 0.3601,
0.3304

 0.0000, 1.0000,
0.0000


196.4771, 0.3568,


 0.0000, 0.0000,


0.3304


0.0000


239.9035, 0.3539,
0.3304


 27.3399, 0.3986,
0.3293

 27.3399, 0.3986,
0.3293


 22.5061, 0.4360,
0.3294


 33.2285, 0.3677,
0.3292


 18.6611, 0.4797,
0.3296


 40.2248, 0.3428,
0.3291


 15.7378, 0.5272,
0.3297


 48.3829, 0.3229,
0.3290


 13.6592, 0.5734,
0.3298

 57.7523, 0.3069,
0.3290


 12.3355, 0.6109,
0.3299

 68.3796, 0.2941,
0.3289

 11.6531, 0.6336,
0.3300

 80.3089, 0.2838,
0.3289

 11.4724, 0.6400,
0.3300

 90.2102, 0.2773,
0.3289

Harmonies

Analogous

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



27.3399, 0.3604, 0.2926



27.3399, 0.3986, 0.3293



27.3399, 0.4113, 0.3684

Triad

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



27.3399, 0.3986, 0.3293



27.3399, 0.3088, 0.4071



27.3399, 0.2340, 0.2549

Complementary

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



27.3399, 0.3986, 0.3293



46.7482, 0.2626, 0.3288

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.



27.3399, 0.2230, 0.2781



27.3399, 0.3986, 0.3293



27.3399, 0.2638, 0.3686

Square

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



27.3399, 0.3986, 0.3293



27.3399, 0.3571, 0.4183



27.3399, 0.2333, 0.3192



27.3399, 0.2647, 0.2511

Rectangle

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



27.3399, 0.3986, 0.3293



27.3399, 0.4035, 0.3919



27.3399, 0.2333, 0.3192



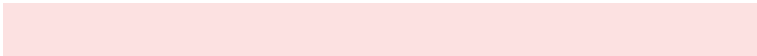
27.3399, 0.2280, 0.2605

Sweetspot

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



27.3412, 0.3986, 0.3293



79.8841, 0.3324, 0.3291



29.7729, 0.3169, 0.2407



17.0510, 0.3352, 0.3291



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.



27.3412, 0.3986, 0.3293



42.7224, 0.4264, 0.3294



37.7166, 0.3816, 0.3760



10.0787, 0.3289, 0.3291



7.5426, 0.6400, 0.3300



0.3262, 0.6399, 0.3301

Inverse Universe

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



46.7482, 0.2626, 0.3288



82.8448, 0.2542, 0.3288



32.9700, 0.2554, 0.2766



11.4275, 0.2985, 0.3289



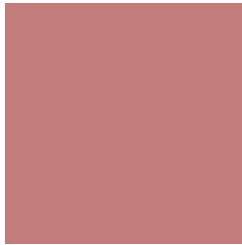
27.8991, 0.2246, 0.3286



1.2057, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 27.3399, 0.3986, 0.3293 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 27.3399, 0.3986, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

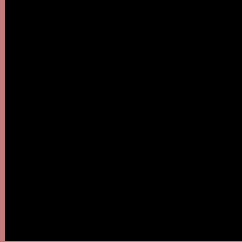
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3399, 0.3986, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 27.3399, 0.3986, 0.3293.



This preview shows how white text looks on a background with the Yxy color 27.3399, 0.3986, 0.3293.

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

27.3399, 0.3986, 0.3293

Protanopia

27.6621, 0.3272, 0.3436

Deuteranopia

27.5568, 0.3618, 0.3554



Tritanopia

27.4340, 0.3901, 0.3170

Trichromacy



Original Color

27.3399, 0.3986, 0.3293

Protanomaly

27.2194, 0.3524, 0.3383

Deuteranomaly

27.4103, 0.3756, 0.3454

Tritanomaly

27.3530, 0.3939, 0.3211

Monochromacy



Original Color

27.3399, 0.3986, 0.3293

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4840, 0.3420, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3399, 0.3986, 0.3293 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, 124)` looks like.

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

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, 124) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 27.3399, 0.3986, 0.3293 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, 124) }
```

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

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

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, 124)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 27.3399, 0.3986, 0.3293 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, 124) }
```

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

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

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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