

Converting Colors

$Yxy(29.3987, 0.3769, 0.3357)$

Have a look what the booklet for
Yxy(29.3987, 0.3769, 0.3357)
contains.

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Color

Yxy(29.3788, 0.3770, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	BA8782
RGB	186, 135, 130
RGB Percent	73%, 53%, 51%
CMY	0.2706, 0.4706, 0.4901
CMYK	0.00, 0.27, 0.30, 0.27
HSL	5°, 29%, 62%
HSV	5°, 30%, 73%
XYZ	32.9441, 29.3788, 25.0620
YIQ	149.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

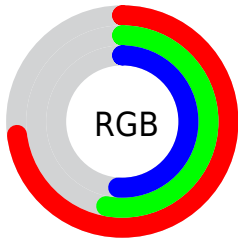
Format	Color
RYB	186, 135, 130
Decimal	12224386
CIELab	61.11, 18.83, 10.39
CIElCh	61, 21.507, 28.877
Yxy	29.3788, 0.3770, 0.3362
Android (android.graphics.Color)	4290414466 (0xFFBA8782)
YUV	149.6790, -9.7017, 31.8535
Hunter-Lab	54.2022, 13.6384, 10.5271

Details

The Yxy color **29.3788, 0.3770, 0.3362** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3495, 0.2691, 0.3216**, and the grayscale version is **30.3892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8688, 0.3632, 0.3357**, and **11.9164, 0.3987, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **24.5664, 0.4085, 0.3387**, and if you desaturate by 10%, it is **35.0369, 0.3511, 0.3337**.

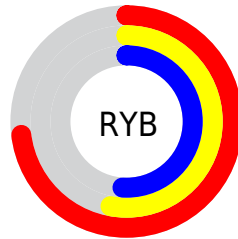
Distribution



Red (73%)

Green (53%)

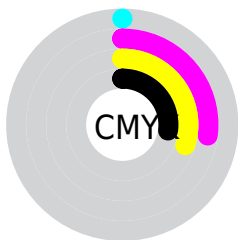
Blue (51%)



Red (73%)

Yellow (53%)

Blue (51%)

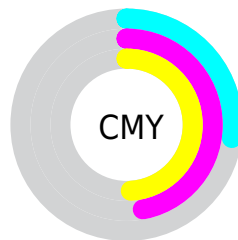


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3788, 0.3770, 0.3362 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 29.3788, 0.3770, 0.3362 by changing the saturation by 10% instead.


 29.3788, 0.3770,
0.3362


 29.3788, 0.3770,
0.3362


298.9981, 0.3421,
0.3331


 19.3676, 0.3867,
0.3367


 58.6784, 0.3636,
0.3352

 11.9362, 0.3999,
0.3373


 78.7355, 0.3588,
0.3348

 6.7002, 0.4186,
0.3376


 102.9101, 0.3548,
0.3344

 3.2753, 0.4473,
0.3370

131.5865, 0.3514,
0.3341

 1.2771, 0.5013,
0.3369

165.1491, 0.3486,
0.3338

 0.1234, 0.8238,
0.1762


203.9823, 0.3461,


 0.0000, 0.0000,

0.3335

0.0000


248.4705, 0.3440,
0.3333

 29.3788, 0.3770,
0.3362


 29.3788, 0.3770,
0.3362

 24.5664, 0.4085,
0.3387


 35.0369, 0.3511,
0.3337


 20.5552, 0.4458,
0.3409

 41.5742, 0.3300,
0.3313


 17.3028, 0.4883,
0.3424


 49.0274, 0.3129,
0.3290


 14.7613, 0.5334,
0.3427

 57.4302, 0.2989,
0.3270

 12.8774, 0.5765,
0.3415


 66.8141, 0.2875,
0.3251

 11.5901, 0.6110,
0.3386

 77.2095, 0.2782,
0.3234

 10.8258, 0.6333,
0.3354

 88.3043, 0.2730,
0.3274

 89.1790, 0.2731,
0.3289

Harmonies

Analogous

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



29.3788, 0.3534, 0.3080



29.3788, 0.3770, 0.3362



29.3788, 0.3821, 0.3643

Triad

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



29.3788, 0.3770, 0.3362



29.3788, 0.3036, 0.3789



29.3788, 0.2591, 0.2737

Complementary

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



29.3788, 0.3770, 0.3362



41.3495, 0.2691, 0.3216

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.



29.3788, 0.2477, 0.2886



29.3788, 0.3770, 0.3362



29.3788, 0.2723, 0.3501

Square

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



29.3788, 0.3770, 0.3362



29.3788, 0.3385, 0.3917



29.3788, 0.2523, 0.3162



29.3788, 0.2846, 0.2730

Rectangle

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



29.3788, 0.3770, 0.3362



29.3788, 0.3744, 0.3795



29.3788, 0.2523, 0.3162



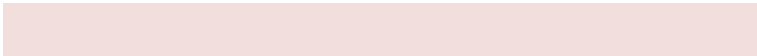
29.3788, 0.2536, 0.2771

Sweetspot

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



29.3802, 0.3770, 0.3362



76.5606, 0.3282, 0.3311



29.7610, 0.3209, 0.2609



16.4502, 0.3310, 0.3314



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



29.3802, 0.3770, 0.3362



47.4112, 0.3968, 0.3378



38.1312, 0.3660, 0.3739



9.1372, 0.3286, 0.3311



7.3327, 0.6320, 0.3364



0.3017, 0.6036, 0.3590

Inverse Universe

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



41.3495, 0.2691, 0.3216



72.5260, 0.2609, 0.3198



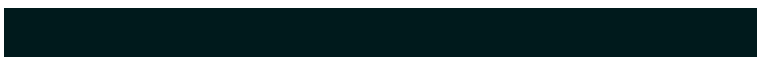
31.1895, 0.2645, 0.2794



10.0703, 0.2985, 0.3269



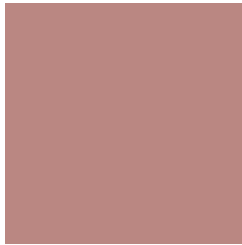
21.6471, 0.2170, 0.3013



0.8033, 0.2192, 0.3090

Previews

White Background



This preview shows how the Yxy color 29.3788, 0.3770, 0.3362 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 29.3788, 0.3770, 0.3362 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 29.3788, 0.3770, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 29.3788, 0.3770, 0.3362.



This preview shows how white text looks on a background with the Yxy color 29.3788, 0.3770, 0.3362.

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

29.3788, 0.3770, 0.3362

Protanopia

29.4173, 0.3299, 0.3464

Deuteranopia

29.3660, 0.3562, 0.3487



Tritanopia

29.3230, 0.3638, 0.3152

Trichromacy



Original Color

29.3788, 0.3770, 0.3362

Protanomaly

29.3655, 0.3460, 0.3428

Deuteranomaly

29.1642, 0.3640, 0.3439

Tritanomaly

29.4500, 0.3692, 0.3236

Monochromacy



Original Color

29.3788, 0.3770, 0.3362

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0205, 0.3339, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3788, 0.3770, 0.3362 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(186, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 135, 130)  
}
```

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(186, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 135, 130) }
```

Border

The CSS property to change the border of an element to Yxy 29.3788, 0.3770, 0.3362 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(186, 135, 130) }
```

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

```
.border{ border-color:rgb(186, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 135,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3788, 0.3770, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 135, 130) }
```

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

```
.background{ background-color: rgb(186,  
135, 130) }
```

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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