

Converting Colors

$Y_{xy}(29.3835, 0.3792, 0.3369)$

Have a look what the booklet for
Yxy(29.3835, 0.3792, 0.3369)
contains.

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Color

Yxy(29.4777, 0.3793, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	BB8781
RGB	187, 135, 129
RGB Percent	73%, 53%, 51%
CMY	0.2667, 0.4706, 0.4940
CMYK	0.00, 0.28, 0.31, 0.27
HSL	6°, 30%, 62%
HSV	6°, 31%, 73%
XYZ	33.1188, 29.4777, 24.7190
YIQ	149.8640, 32.9180, 9.1580

Conversions

Conversions Part 2

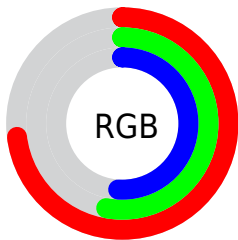
Format	Color
RYB	187, 136, 129
Decimal	12289921
CIELab	61.20, 19.08, 11.10
CIElCh	61, 22.073, 30.183
Yxy	29.4777, 0.3793, 0.3376
Android (android.graphics.Color)	4290480001 (0xFFBB8781)
YUV	149.8640, -10.2860, 32.5683
Hunter-Lab	54.2934, 13.8709, 11.0115

Details

The Yxy color $29.4777, 0.3793, 0.3376$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $41.3030, 0.2678, 0.3202$, and the grayscale version is $30.4735, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0057, 0.3649, 0.3367$, and $11.9817, 0.4021, 0.3390$ is the 20% darker color. If you saturate the color by 10%, you get $24.7100, 0.4110, 0.3405$, and if you desaturate by 10%, it is $35.0760, 0.3531, 0.3347$.

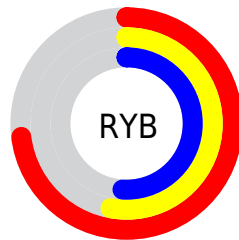
Distribution



Red (73%)

Green (53%)

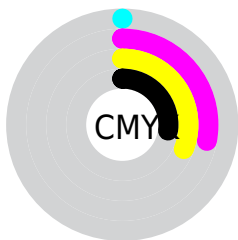
Blue (51%)



Red (73%)

Yellow (53%)

Blue (51%)

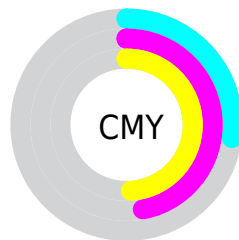


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4777, 0.3793, 0.3376 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 29.4777, 0.3793, 0.3376 by changing the saturation by 10% instead.


 29.4777, 0.3793,
0.3376


 29.4777, 0.3793,
0.3376


299.4622, 0.3431,
0.3338


 19.4425, 0.3894,
0.3383


 58.8352, 0.3654,
0.3364

 11.9904, 0.4030,
0.3390


 78.9263, 0.3604,
0.3359

 6.7372, 0.4223,
0.3395


 103.1381, 0.3563,
0.3354

 3.2983, 0.4518,
0.3393

131.8551, 0.3528,
0.3350

 1.2894, 0.5083,
0.3402

165.4616, 0.3499,
0.3347

 0.1330, 0.8166,
0.1834

204.3420, 0.3473,

 0.0000, 0.0000,

0.3343

0.0000

248.8808, 0.3451,
0.3341

■ 29.4777, 0.3793,
0.3376

■ 29.4777, 0.3793,
0.3376

■ 24.7100, 0.4110,
0.3405

■ 35.0760, 0.3531,
0.3347

■ 20.7293, 0.4484,
0.3429

■ 41.5375, 0.3317,
0.3319

■ 17.4945, 0.4908,
0.3446

■ 48.8981, 0.3143,
0.3293

■ 14.9590, 0.5356,
0.3450


■ 57.1903, 0.3001,
0.3268


■ 13.0708, 0.5779,
0.3434

■ 66.4453, 0.2884,
0.3247

 11.7708, 0.6115,
0.3400

 76.6925, 0.2789,
0.3227

 11.0401, 0.6318,
0.3365

 87.6399, 0.2734,
0.3261

 89.3034, 0.2736,
0.3289

Harmonies

Analogous

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



29.4777, 0.3557, 0.3087



29.4777, 0.3793, 0.3376



29.4777, 0.3836, 0.3662

Triad

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



29.4777, 0.3793, 0.3376



29.4777, 0.3018, 0.3793



29.4777, 0.2587, 0.2720

Complementary

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



29.4777, 0.3793, 0.3376



41.3030, 0.2678, 0.3202

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.



29.4777, 0.2463, 0.2866



29.4777, 0.3793, 0.3376



29.4777, 0.2701, 0.3491

Square

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



29.4777, 0.3793, 0.3376



29.4777, 0.3376, 0.3932



29.4777, 0.2503, 0.3144



29.4777, 0.2853, 0.2720

Rectangle

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



29.4777, 0.3793, 0.3376



29.4777, 0.3751, 0.3816



29.4777, 0.2503, 0.3144



29.4777, 0.2528, 0.2752

Sweetspot

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



29.4791, 0.3793, 0.3376



76.7280, 0.3282, 0.3314



29.6127, 0.3222, 0.2600



16.4922, 0.3309, 0.3318



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.



29.4791, 0.3793, 0.3376



47.0070, 0.3996, 0.3395



38.6284, 0.3675, 0.3766



9.6908, 0.3286, 0.3314



7.6599, 0.6306, 0.3375



0.3538, 0.6003, 0.3615

Inverse Universe

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



41.3030, 0.2678, 0.3202



71.4320, 0.2594, 0.3180



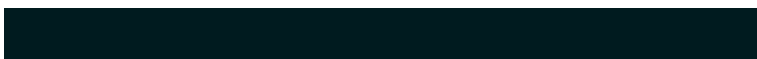
30.7794, 0.2627, 0.2761



10.6365, 0.2985, 0.3266



21.7476, 0.2157, 0.2966



0.9009, 0.2181, 0.3050

Previews

White Background



This preview shows how the Yxy color 29.4777, 0.3793, 0.3376 looks on a white background.

Color Contrast Check

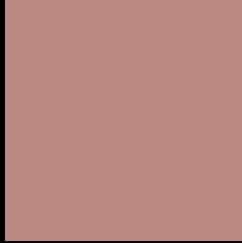
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4777, 0.3793, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

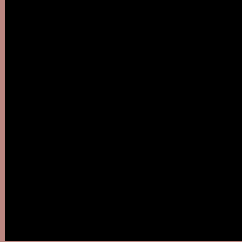
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4777, 0.3793, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 29.4777, 0.3793, 0.3376.



This preview shows how white text looks on a background with the Yxy color 29.4777, 0.3793, 0.3376.

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

29.4777, 0.3793, 0.3376

Protanopia

29.7991, 0.3318, 0.3495

Deuteranopia

29.7495, 0.3581, 0.3516



Tritanopia

29.4496, 0.3649, 0.3153

Trichromacy



Original Color

29.4777, 0.3793, 0.3376

Protanomaly

29.4454, 0.3482, 0.3443

Deuteranomaly

29.5448, 0.3659, 0.3467

Tritanomaly

29.5765, 0.3704, 0.3236

Monochromacy



Original Color

29.4777, 0.3793, 0.3376

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9903, 0.3350, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4777, 0.3793, 0.3376 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(187, 135, 129)` looks like.

```
.text, #text, p{  
    color:rgb(187, 135, 129)  
}
```

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(187, 135, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 135, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.4777, 0.3793, 0.3376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

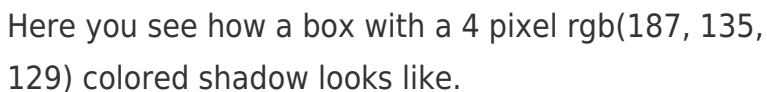
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 135, 129) }
```

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

```
.border{ border-color:rgb(187, 135, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 135, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 135, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 135, 129); box-shadow:4px 4px 4px 4px rgb(187, 135, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4777, 0.3793, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 135, 129) }
```

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

```
.background{ background-color: rgb(187,  
135, 129) }
```

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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