

Converting Colors

$Yxy(34.3793, 0.3734, 0.3602)$

Have a look what the booklet for
Yxy(34.3793, 0.3734, 0.3602)
contains.

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Color

Yxy(34.2830, 0.3727, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	BB9781
RGB	187, 151, 129
RGB Percent	73%, 59%, 51%
CMY	0.2666, 0.4078, 0.4942
CMYK	0.00, 0.19, 0.31, 0.27
HSL	23°, 30%, 62%
HSV	23°, 31%, 73%
XYZ	35.5220, 34.2830, 25.5050
YIQ	159.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

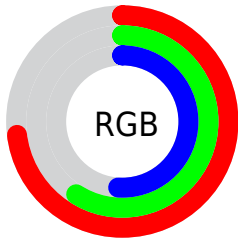
Format	Color
RYB	187, 164, 129
Decimal	12294017
CIELab	65.19, 10.21, 16.69
CIELCh	65, 19.567, 58.536
Yxy	34.2830, 0.3727, 0.3597
Android (android.graphics.Color)	4290484097 (0xFFBB9781)
YUV	159.2560, -14.9162, 24.3315
Hunter-Lab	58.5517, 5.8266, 15.1596

Details

The Yxy color **34.2830, 0.3727, 0.3597** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1545, 0.2650, 0.2960**, and the grayscale version is **34.8543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2731, 0.3607, 0.3538**, and **14.6801, 0.3924, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **30.2796, 0.3985, 0.3699**, and if you desaturate by 10%, it is **38.7481, 0.3502, 0.3494**.

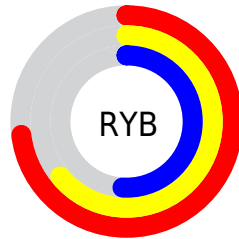
Distribution



Red (73%)

Green (59%)

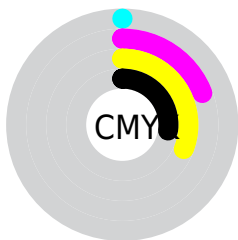
Blue (51%)



Red (73%)

Yellow (64%)

Blue (51%)

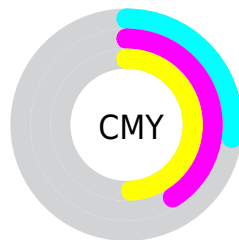


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2830, 0.3727, 0.3597 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 34.2830, 0.3727, 0.3597 by changing the saturation by 10% instead.


 34.2830, 0.3727,
0.3597


 34.2830, 0.3727,
0.3597


321.3921, 0.3410,
0.3443


 23.1111, 0.3812,
0.3635


 66.3735, 0.3608,
0.3541

 14.6756, 0.3924,
0.3684


 88.0609, 0.3564,
0.3520

 8.5920, 0.4079,
0.3746


 114.0223, 0.3528,
0.3502

 4.4760, 0.4304,
0.3829

144.6420, 0.3497,
0.3487

 1.9433, 0.4688,
0.3960

180.3044, 0.3470,
0.3473

 0.5742, 0.5807,
0.4193


221.3940, 0.3447,


 0.0000, 0.0000,


0.3462

0.0000


268.2951, 0.3427,
0.3452


 34.2830, 0.3727,
0.3597


 34.2830, 0.3727,
0.3597


 30.2796, 0.3985,
0.3699


 38.7481, 0.3502,
0.3494


 26.7176, 0.4275,
0.3794


 43.6848, 0.3309,
0.3394

 23.5821, 0.4591,
0.3872


 49.1087, 0.3143,
0.3299


 20.8553, 0.4921,
0.3921


 55.0333, 0.3001,
0.3212

 18.5181, 0.5244,
0.3929

 61.4714, 0.2880,
0.3131

 16.5493, 0.5533,
0.3886

 68.4353, 0.2776,
0.3057

 15.0709, 0.5755,
0.3813

 75.6189, 0.2712,
0.3040

 82.3753, 0.2725,
0.3168

 89.3054, 0.2736,
0.3289

Harmonies

Analogous

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



34.2830, 0.3680, 0.3353



34.2830, 0.3727, 0.3597



34.2830, 0.3605, 0.3777

Triad

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



34.2830, 0.3727, 0.3597



34.2830, 0.2780, 0.3476



34.2830, 0.2882, 0.2801

Complementary

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



34.2830, 0.3727, 0.3597



35.1545, 0.2650, 0.2960

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.



34.2830, 0.2660, 0.2810



34.2830, 0.3727, 0.3597



34.2830, 0.2603, 0.3186

Square

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



34.2830, 0.3727, 0.3597



34.2830, 0.3053, 0.3720



34.2830, 0.2561, 0.2944



34.2830, 0.3179, 0.2909

Rectangle

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



34.2830, 0.3727, 0.3597



34.2830, 0.3449, 0.3829



34.2830, 0.2561, 0.2944



34.2830, 0.2796, 0.2790

Sweetspot

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



34.2846, 0.3727, 0.3597



79.9988, 0.3275, 0.3376



29.0026, 0.3388, 0.2792



17.3149, 0.3301, 0.3390



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.



34.2846, 0.3727, 0.3597



56.5989, 0.3892, 0.3665



44.4972, 0.3617, 0.3961



10.1141, 0.3279, 0.3378



10.5130, 0.5733, 0.3830



0.5389, 0.5283, 0.4187

Inverse Universe

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



35.1545, 0.2650, 0.2960



58.3814, 0.2550, 0.2878



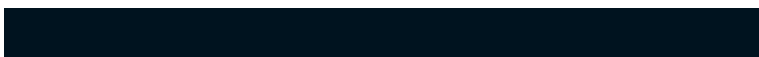
26.0630, 0.2599, 0.2515



10.1844, 0.2984, 0.3201



11.2225, 0.1892, 0.2012



0.5620, 0.1987, 0.2352

Previews

White Background



This preview shows how the Yxy color 34.2830, 0.3727, 0.3597 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.2830, 0.3727, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

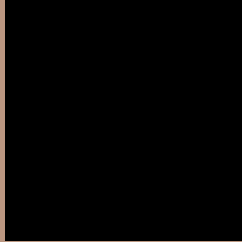
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2830, 0.3727, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 34.2830, 0.3727, 0.3597.



This preview shows how white text looks on a background with the Yxy color 34.2830, 0.3727, 0.3597.

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

34.2830, 0.3727, 0.3597

Protanopia

34.3352, 0.3461, 0.3675

Deuteranopia

34.2318, 0.3691, 0.3614



Tritanopia

34.2832, 0.3469, 0.3143

Trichromacy



Original Color

34.2830, 0.3727, 0.3597

Protanomaly

34.0801, 0.3553, 0.3639

Deuteranomaly

34.3557, 0.3701, 0.3613

Tritanomaly

34.1052, 0.3570, 0.3305

Monochromacy



Original Color

34.2830, 0.3727, 0.3597

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3501, 0.3332, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2830, 0.3727, 0.3597 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, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 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, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 129) }
```

Border

The CSS property to change the border of an element to Yxy 34.2830, 0.3727, 0.3597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

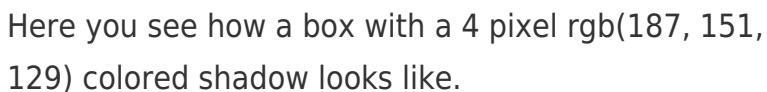
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 151, 129) }
```

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

```
.border{ border-color:rgb(187, 151, 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, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 151, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 151, 129); box-shadow:4px 4px 4px 4px rgb(187, 151, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2830, 0.3727, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 129) }
```

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

```
.background{ background-color: rgb(187,  
151, 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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