

Converting Colors

$Y_{xy}(36.3608, 0.3754, 0.3784)$

Have a look what the booklet for
Yxy(36.3608, 0.3754, 0.3784)
contains.

Yxy(36.2980, 0.3756, 0.3789)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.2980, 0.3756, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	BA9E7A
RGB	186, 158, 122
RGB Percent	73%, 62%, 48%
CMY	0.2707, 0.3803, 0.5216
CMYK	0.00, 0.15, 0.34, 0.27
HSL	34°, 32%, 60%
HSV	34°, 34%, 73%
XYZ	35.9819, 36.2980, 23.5185
YIQ	162.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

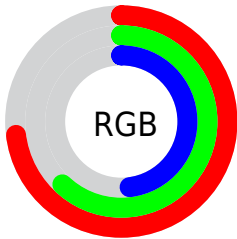
Format	Color
RYB	172, 186, 122
Decimal	12230266
CIELab	66.75, 5.03, 22.67
CIElCh	67, 23.220, 77.477
Yxy	36.2980, 0.3756, 0.3789
Android (android.graphics.Color)	4290420346 (0xFFBA9E7A)
YUV	162.2680, -19.8521, 20.8130
Hunter-Lab	60.2478, 1.1720, 19.0289

Details

The Yxy color **36.2980, 0.3756, 0.3789** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4712, 0.2574, 0.2731**, and the grayscale version is **36.3474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7383, 0.3631, 0.3697**, and **15.9020, 0.3954, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **33.2015, 0.3982, 0.3935**, and if you desaturate by 10%, it is **39.6693, 0.3548, 0.3639**.

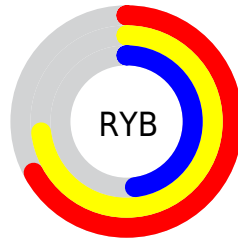
Distribution



Red (73%)

Green (62%)

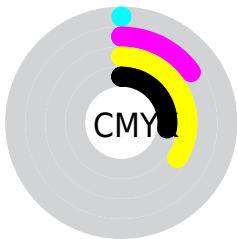
Blue (48%)



Red (67%)

Yellow (73%)

Blue (48%)

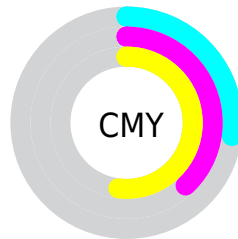


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2980, 0.3756, 0.3789 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 36.2980, 0.3756, 0.3789 by changing the saturation by 10% instead.


 36.2980, 0.3756,
0.3789


 36.2980, 0.3756,
0.3789


330.2612, 0.3429,
0.3535


 24.6644, 0.3841,
0.3852


 69.4918, 0.3635,
0.3696

 15.8272, 0.3951,
0.3933


 91.8208, 0.3590,
0.3662

 9.4020, 0.4100,
0.4039


 118.4837, 0.3552,
0.3632

 5.0043, 0.4308,
0.4181

149.8650, 0.3520,
0.3607

 2.2498, 0.4695,
0.4447

186.3489, 0.3492,
0.3586

 0.7469, 0.5272,
0.4728

228.3200, 0.3469,

 0.0000, 0.0000,

0.3567

0.0000

276.1627, 0.3447,
0.3550

■ 36.2980, 0.3756,
0.3789

■ 36.2980, 0.3756,
0.3789

■ 33.2015, 0.3982,
0.3935

■ 39.6693, 0.3548,
0.3639

■ 30.3661, 0.4222,
0.4069

■ 43.3183, 0.3361,
0.3492

■ 27.7843, 0.4469,
0.4180

■ 47.2544, 0.3194,
0.3350

■ 25.4463, 0.4711,
0.4256

■ 51.4849, 0.3047,
0.3216

■ 23.3408, 0.4934,
0.4286

■ 56.0168, 0.2917,
0.3092

■ 21.4554, 0.5125,
0.4263

■ 60.8567, 0.2803,
0.2978

■ 20.4839, 0.5223,
0.4235

■ 66.0111, 0.2702,
0.2872

■ 70.4292, 0.2696,
0.2936

■ 74.8742, 0.2705,
0.3028

Harmonies

Analogous

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



36.2980, 0.3830, 0.3541



36.2980, 0.3756, 0.3789



36.2980, 0.3510, 0.3918

Triad

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



36.2980, 0.3756, 0.3789



36.2980, 0.2579, 0.3289



36.2980, 0.3053, 0.2791

Complementary

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



36.2980, 0.3756, 0.3789



29.4712, 0.2574, 0.2731

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.



36.2980, 0.2733, 0.2713



36.2980, 0.3756, 0.3789



36.2980, 0.2472, 0.2976

Square

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



36.2980, 0.3756, 0.3789



36.2980, 0.2830, 0.3626



36.2980, 0.2526, 0.2774



36.2980, 0.3412, 0.2984

Rectangle

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



36.2980, 0.3756, 0.3789



36.2980, 0.3288, 0.3905



36.2980, 0.2526, 0.2774



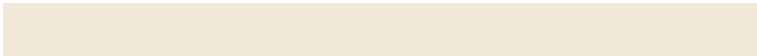
36.2980, 0.2938, 0.2751

Sweetspot

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



36.2997, 0.3756, 0.3789



81.5118, 0.3288, 0.3431



26.5781, 0.3564, 0.2891



17.7306, 0.3312, 0.3451



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.



36.2997, 0.3756, 0.3789



61.6886, 0.3919, 0.3896



46.5446, 0.3608, 0.4143



9.8288, 0.3274, 0.3419



13.9385, 0.5206, 0.4248



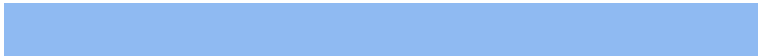
0.6122, 0.4879, 0.4508

Inverse Universe

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



29.4712, 0.2574, 0.2731



47.5074, 0.2452, 0.2589



21.8344, 0.2545, 0.2286



9.3475, 0.2985, 0.3158



6.5122, 0.1721, 0.1397



0.3532, 0.1864, 0.1909

Previews

White Background



This preview shows how the Yxy color 36.2980, 0.3756, 0.3789 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 36.2980, 0.3756, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

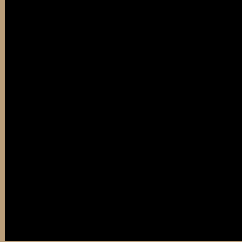
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2980, 0.3756, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 36.2980, 0.3756, 0.3789.



This preview shows how white text looks on a background with the Yxy color 36.2980, 0.3756, 0.3789.

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

36.2980, 0.3756, 0.3789

Protanopia

36.2946, 0.3596, 0.3837

Deuteranopia

36.2584, 0.3818, 0.3753



Tritanopia

36.2132, 0.3408, 0.3131

Trichromacy



Original Color

36.2980, 0.3756, 0.3789

Protanomaly

36.3848, 0.3651, 0.3830

Deuteranomaly

36.3379, 0.3792, 0.3770

Tritanomaly

36.0999, 0.3533, 0.3359

Monochromacy



Original Color

36.2980, 0.3756, 0.3789

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2542, 0.3352, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2980, 0.3756, 0.3789 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, 158, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 122)  
}
```

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, 158, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 122) }
```

Border

The CSS property to change the border of an element to Yxy 36.2980, 0.3756, 0.3789 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, 158, 122) }
```

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

```
.border{ border-color:rgb(186, 158, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2980, 0.3756, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 122) }
```

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

```
.background{ background-color: rgb(186,  
158, 122) }
```

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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