

Converting Colors

Yxy(34.8412, 0.3693, 0.3664)

Have a look what the booklet for
Yxy(34.8412, 0.3693, 0.3664)
contains.

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Color

Yxy(34.8601, 0.3693, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	B89A80
RGB	184, 154, 128
RGB Percent	72%, 60%, 50%
CMY	0.2784, 0.3961, 0.4980
CMYK	0.00, 0.16, 0.30, 0.28
HSL	28°, 28%, 61%
HSV	28°, 30%, 72%
XYZ	35.2225, 34.8601, 25.2938
YIQ	160.0060, 26.2260, -1.7260

Conversions

Conversions Part 2

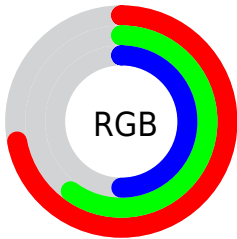
Format	Color
RYB	184, 177, 128
Decimal	12098176
CIELab	65.64, 7.25, 17.81
CIELCh	66, 19.229, 67.865
Yxy	34.8601, 0.3693, 0.3655
Android (android.graphics.Color)	4290288256 (0xFFB89A80)
YUV	160.0060, -15.7790, 21.0427
Hunter-Lab	59.0424, 3.1622, 15.9298

Details

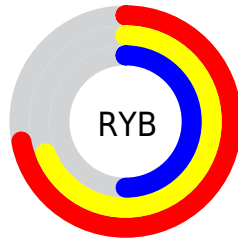
The Yxy color **34.8601, 0.3693, 0.3655** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5121, 0.2651, 0.2893**, and the grayscale version is **35.2234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1487, 0.3583, 0.3582**, and **15.0108, 0.3871, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **31.2974, 0.3931, 0.3779**, and if you desaturate by 10%, it is **38.7814, 0.3481, 0.3530**.

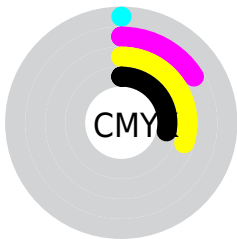
Distribution



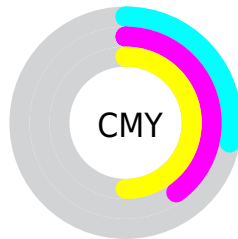
- Red (72%)
- Green (60%)
- Blue (50%)



- Red (72%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8601, 0.3693, 0.3655 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 34.8601, 0.3693, 0.3655 by changing the saturation by 10% instead.


 34.8601, 0.3693,
0.3655


 34.8601, 0.3693,
0.3655


323.9504, 0.3395,
0.3469

 23.5551, 0.3772,
0.3702


 67.2690, 0.3581,
0.3587

 15.0039, 0.3876,
0.3762


 89.1417, 0.3540,
0.3562

 8.8222, 0.4019,
0.3841


 115.3058, 0.3506,
0.3540

 4.6254, 0.4225,
0.3948

146.1456, 0.3477,
0.3522

 2.0292, 0.4577,
0.4123

182.0456, 0.3452,
0.3506

 0.6243, 0.5523,
0.4477

223.3901, 0.3431,

 0.0000, 0.0000,

0.3492

0.0000

270.5636, 0.3412,
0.3480

■ 34.8601, 0.3693,
0.3655

■ 34.8601, 0.3693,
0.3655

■ 31.2974, 0.3931,
0.3779

■ 38.7814, 0.3481,
0.3530

■ 28.0774, 0.4194,
0.3895

■ 43.0670, 0.3296,
0.3409

■ 25.1897, 0.4476,
0.3995

■ 47.7286, 0.3134,
0.3295

■ 22.6217, 0.4766,
0.4065

■ 52.7759, 0.2994,
0.3188

■ 20.3596, 0.5048,
0.4093

■ 58.2181, 0.2872,
0.3089

■ 18.3881, 0.5302,
0.4070

■ 64.0642, 0.2767,
0.2999

■ 16.7529, 0.5512,
0.4006

■ 70.2054, 0.2685,
0.2935

■ 75.6308, 0.2696,
0.3047

■ 81.3682, 0.2707,
0.3156

Harmonies

Analogous

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



34.8601, 0.3700, 0.3429



34.8601, 0.3693, 0.3655



34.8601, 0.3529, 0.3798

Triad

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



34.8601, 0.3693, 0.3655



34.8601, 0.2722, 0.3384



34.8601, 0.2973, 0.2833

Complementary

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



34.8601, 0.3693, 0.3655



32.5121, 0.2651, 0.2893

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.



34.8601, 0.2726, 0.2805



34.8601, 0.3693, 0.3655



34.8601, 0.2587, 0.3107

Square

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



34.8601, 0.3693, 0.3655



34.8601, 0.2966, 0.3646



34.8601, 0.2589, 0.2899



34.8601, 0.3273, 0.2969

Rectangle

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



34.8601, 0.3693, 0.3655



34.8601, 0.3357, 0.3817



34.8601, 0.2589, 0.2899



34.8601, 0.2881, 0.2811

Sweetspot

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



34.8617, 0.3693, 0.3655



79.1044, 0.3273, 0.3394



28.1278, 0.3434, 0.2864



16.7991, 0.3298, 0.3411



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.8617, 0.3693, 0.3655



58.4812, 0.3861, 0.3744



44.8882, 0.3590, 0.4005



9.6807, 0.3276, 0.3396



11.6820, 0.5492, 0.4022



0.5359, 0.5073, 0.4354

Inverse Universe

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



32.5121, 0.2651, 0.2893



53.4900, 0.2537, 0.2783



24.2299, 0.2602, 0.2458



9.4951, 0.2985, 0.3181



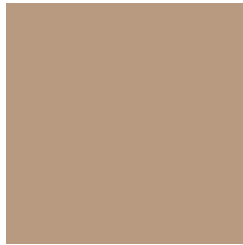
8.6273, 0.1811, 0.1720



0.4267, 0.1934, 0.2163

Previews

White Background



This preview shows how the Yxy color 34.8601, 0.3693, 0.3655 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 34.8601, 0.3693, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

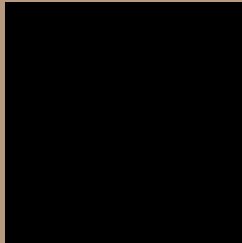
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8601, 0.3693, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 34.8601, 0.3693, 0.3655.



This preview shows how white text looks on a background with the Yxy color 34.8601, 0.3693, 0.3655.

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

34.8601, 0.3693, 0.3655

Protanopia

34.8700, 0.3488, 0.3702

Deuteranopia

34.7801, 0.3718, 0.3639



Tritanopia

34.7595, 0.3413, 0.3128

Trichromacy



Original Color

34.8601, 0.3693, 0.3655

Protanomaly

34.7243, 0.3556, 0.3682

Deuteranomaly

34.6553, 0.3707, 0.3640

Tritanomaly

34.8679, 0.3520, 0.3319

Monochromacy



Original Color

34.8601, 0.3693, 0.3655

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0269, 0.3329, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8601, 0.3693, 0.3655 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(184, 154, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 128)  
}
```

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(184, 154, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 128) }
```

Border

The CSS property to change the border of an element to Yxy 34.8601, 0.3693, 0.3655 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(184, 154, 128) }
```

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

```
.border{ border-color:rgb(184, 154, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8601, 0.3693, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 128) }
```

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

```
.background{ background-color: rgb(184,  
154, 128) }
```

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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