

Converting Colors

Yxy(34.6465, 0.3719, 0.3825)

Have a look what the booklet for
Yxy(34.6465, 0.3719, 0.3825)
contains.

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Color

Yxy(34.6925, 0.3721, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	B39C77
RGB	179, 156, 119
RGB Percent	70%, 61%, 47%
CMY	0.2980, 0.3882, 0.5334
CMYK	0.00, 0.13, 0.34, 0.30
HSL	37°, 28%, 58%
HSV	37°, 34%, 70%
XYZ	33.8111, 34.6925, 22.3620
YIQ	158.6590, 25.5850, -6.6310

Conversions

Conversions Part 2

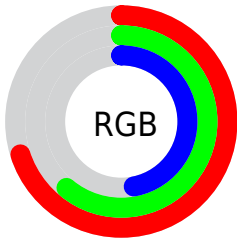
Format	Color
RYB	156, 179, 119
Decimal	11770999
CIELab	65.51, 2.95, 22.53
CIElCh	66, 22.724, 82.547
Yxy	34.6925, 0.3721, 0.3818
Android (android.graphics.Color)	4289961079 (0xFFB39C77)
YUV	158.6590, -19.5519, 17.8391
Hunter-Lab	58.9003, -0.6096, 18.7203

Details

The Yxy color **34.6925, 0.3721, 0.3818** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5240, 0.2584, 0.2696**, and the grayscale version is **34.5904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8663, 0.3613, 0.3718**, and **14.9053, 0.3905, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **32.0646, 0.3933, 0.3977**, and if you desaturate by 10%, it is **37.5348, 0.3523, 0.3656**.

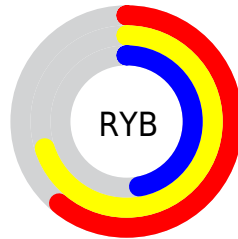
Distribution



Red (70%)

Green (61%)

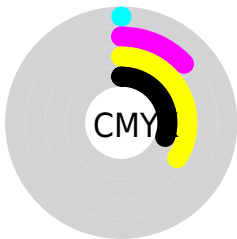
Blue (47%)



Red (61%)

Yellow (70%)

Blue (47%)

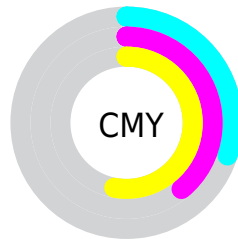


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (30%)



Cyan (30%)


Magenta (39%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6925, 0.3721, 0.3818 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 34.6925, 0.3721, 0.3818 by changing the saturation by 10% instead.


 34.6925, 0.3721,
0.3818


 34.6925, 0.3721,
0.3818


323.2090, 0.3411,
0.3546


 23.4261, 0.3802,
0.3888


 67.0091, 0.3605,
0.3718

 14.9085, 0.3908,
0.3977


 88.8281, 0.3563,
0.3680

 8.7552, 0.4050,
0.4096


 114.9335, 0.3527,
0.3649

 4.5818, 0.4251,
0.4258

145.7096, 0.3497,
0.3622

 2.0041, 0.4692,
0.4629

181.5407, 0.3471,
0.3599

 0.6098, 0.5165,
0.4835

222.8114, 0.3448,

 0.0000, 0.0000,

0.3579

0.0000

269.9060, 0.3428,
0.3561

■ 34.6925, 0.3721,
0.3818

■ 34.6925, 0.3721,
0.3818

■ 32.0646, 0.3933,
0.3977

■ 37.5348, 0.3523,
0.3656

■ 29.6397, 0.4156,
0.4123

■ 40.5930, 0.3343,
0.3496

■ 27.4121, 0.4382,
0.4248

■ 43.8747, 0.3180,
0.3342

■ 25.3740, 0.4600,
0.4338

■ 47.3855, 0.3035,
0.3197

■ 23.5167, 0.4800,
0.4385

■ 51.1309, 0.2906,
0.3062

■ 21.8300, 0.4969,
0.4380

■ 55.1159, 0.2792,
0.2938

■ 20.8186, 0.5068,
0.4358

■ 59.3457, 0.2691,
0.2823

■ 63.3525, 0.2640,
0.2791

■ 66.8347, 0.2649,
0.2871

Harmonies

Analogous

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



34.6925, 0.3827, 0.3587



34.6925, 0.3721, 0.3818



34.6925, 0.3454, 0.3919

Triad

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



34.6925, 0.3721, 0.3818



34.6925, 0.2553, 0.3232



34.6925, 0.3114, 0.2819

Complementary

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



34.6925, 0.3721, 0.3818



26.5240, 0.2584, 0.2696

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.



34.6925, 0.2783, 0.2720



34.6925, 0.3721, 0.3818



34.6925, 0.2473, 0.2935

Square

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



34.6925, 0.3721, 0.3818



34.6925, 0.2782, 0.3570



34.6925, 0.2555, 0.2757



34.6925, 0.3466, 0.3027

Rectangle

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



34.6925, 0.3721, 0.3818



34.6925, 0.3227, 0.3883



34.6925, 0.2555, 0.2757



34.6925, 0.2996, 0.2772

Sweetspot

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



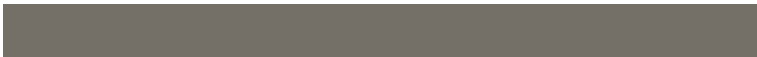
34.6941, 0.3721, 0.3818



74.6165, 0.3286, 0.3443



24.7593, 0.3585, 0.2945



16.3533, 0.3309, 0.3465



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.6941, 0.3721, 0.3818



58.7217, 0.3871, 0.3932



42.4654, 0.3567, 0.4128



9.3483, 0.3272, 0.3430



14.8368, 0.5055, 0.4368



0.5755, 0.4757, 0.4605

Inverse Universe

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



26.5240, 0.2584, 0.2696



41.9286, 0.2461, 0.2544



20.8048, 0.2593, 0.2326



8.7466, 0.2985, 0.3146



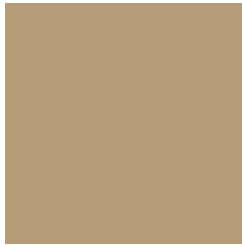
5.3939, 0.1678, 0.1240



0.2846, 0.1840, 0.1825

Previews

White Background



This preview shows how the Yxy color 34.6925, 0.3721, 0.3818 looks on a white background.

Color Contrast Check

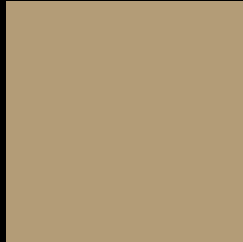
Large Text (above 18pt) WCAG AA × Fail

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 34.6925, 0.3721, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

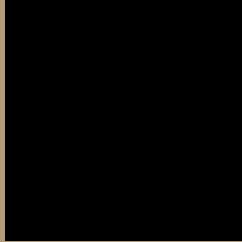
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6925, 0.3721, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 34.6925, 0.3721, 0.3818.



This preview shows how white text looks on a background with the Yxy color 34.6925, 0.3721, 0.3818.

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

34.6925, 0.3721, 0.3818

Protanopia

34.6984, 0.3603, 0.3863

Deuteranopia

34.8299, 0.3821, 0.3746



Tritanopia

34.6117, 0.3360, 0.3126

Trichromacy



Original Color

34.6925, 0.3721, 0.3818

Protanomaly

34.6940, 0.3639, 0.3843

Deuteranomaly

34.7816, 0.3784, 0.3765

Tritanomaly

34.4769, 0.3496, 0.3375

Monochromacy



Original Color

34.6925, 0.3721, 0.3818

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5743, 0.3336, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6925, 0.3721, 0.3818 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(179, 156, 119)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 119)  
}
```

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(179, 156, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 119) }
```

Border

The CSS property to change the border of an element to Yxy 34.6925, 0.3721, 0.3818 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(179, 156, 119) }
```

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

```
.border{ border-color:rgb(179, 156, 119) }
```

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

Here you see how a box with a 4 pixel rgb(179, 156, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 119);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6925, 0.3721, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 119) }
```

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

```
.background{ background-color: rgb(179,  
156, 119) }
```

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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