

Converting Colors

$Yxy(34.5733, 0.3728, 0.3785)$

Have a look what the booklet for
Yxy(34.5733, 0.3728, 0.3785)
contains.

Yxy(34.5021, 0.3726, 0.3788)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5021, 0.3726, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	B49B78
RGB	180, 155, 120
RGB Percent	71%, 61%, 47%
CMY	0.2940, 0.3922, 0.5294
CMYK	0.00, 0.14, 0.33, 0.29
HSL	35°, 29%, 59%
HSV	35°, 33%, 71%
XYZ	33.9374, 34.5021, 22.6431
YIQ	158.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

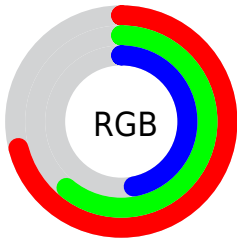
Format	Color
RYB	163, 180, 120
Decimal	11836280
CIELab	65.36, 4.03, 21.78
CIElCh	65, 22.153, 79.513
Yxy	34.5021, 0.3726, 0.3788
Android (android.graphics.Color)	4290026360 (0xFFB49B78)
YUV	158.4850, -18.9731, 18.8687
Hunter-Lab	58.7385, 0.3397, 18.2612

Details

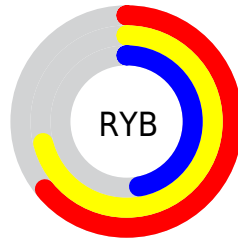
The Yxy color **34.5021, 0.3726, 0.3788** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.5499, 0.2591, 0.2733**, and the grayscale version is **34.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5840, 0.3617, 0.3695**, and **14.7912, 0.3915, 0.3942** is the 20% darker color. If you saturate the color by 10%, you get **31.6857, 0.3945, 0.3939**, and if you desaturate by 10%, it is **37.5592, 0.3524, 0.3634**.

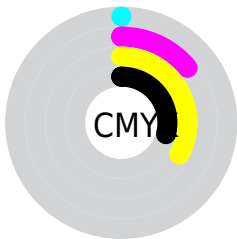
Distribution



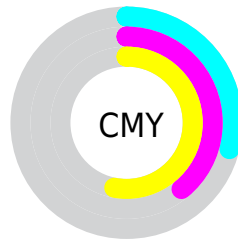
- Red (71%)
- Green (61%)
- Blue (47%)



- Red (64%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (29%)





- Cyan (29%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5021, 0.3726, 0.3788 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 34.5021, 0.3726, 0.3788 by changing the saturation by 10% instead.


 34.5021, 0.3726,
0.3788

 34.5021, 0.3726,
0.3788


322.3651, 0.3412,
0.3532


 23.2796, 0.3808,
0.3853


 66.7137, 0.3609,
0.3694

 14.8001, 0.3916,
0.3937

 88.4716, 0.3566,
0.3659

 8.6792, 0.4062,
0.4048


 114.5101, 0.3530,
0.3629

 4.5325, 0.4269,
0.4200

145.2136, 0.3499,
0.3604

 1.9757, 0.4709,
0.4536

180.9664, 0.3473,
0.3582

 0.5933, 0.5275,
0.4725

222.1530, 0.3450,

 0.0000, 0.0000,

0.3563

0.0000

269.1578, 0.3430,
0.3547

■ 34.5021, 0.3726,
0.3788

■ 34.5021, 0.3726,
0.3788

■ 31.6857, 0.3945,
0.3939

■ 37.5592, 0.3524,
0.3634

■ 29.0978, 0.4178,
0.4079

■ 40.8592, 0.3341,
0.3482

■ 26.7320, 0.4416,
0.4197

■ 44.4102, 0.3178,
0.3337

■ 24.5796, 0.4650,
0.4282

■ 48.2187, 0.3032,
0.3200

■ 22.6313, 0.4866,
0.4322

■ 52.2905, 0.2904,
0.3072

■ 20.8758, 0.5052,
0.4311

■ 56.6317, 0.2791,
0.2955

■ 19.8003, 0.5163,
0.4282

■ 61.2476, 0.2692,
0.2847

■ 65.5488, 0.2651,
0.2840

■ 69.4606, 0.2661,
0.2927

Harmonies

Analogous

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



34.5021, 0.3811, 0.3554



34.5021, 0.3726, 0.3788



34.5021, 0.3479, 0.3902

Triad

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



34.5021, 0.3726, 0.3788



34.5021, 0.2583, 0.3267



34.5021, 0.3079, 0.2814

Complementary

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



34.5021, 0.3726, 0.3788



27.5499, 0.2591, 0.2733

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.



34.5021, 0.2763, 0.2730



34.5021, 0.3726, 0.3788



34.5021, 0.2489, 0.2969

Square

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



34.5021, 0.3726, 0.3788



34.5021, 0.2819, 0.3595



34.5021, 0.2552, 0.2780



34.5021, 0.3426, 0.3008

Rectangle

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



34.5021, 0.3726, 0.3788



34.5021, 0.3260, 0.3879



34.5021, 0.2552, 0.2780



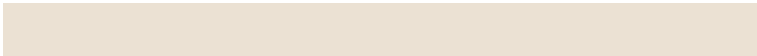
34.5021, 0.2966, 0.2772

Sweetspot

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



34.5037, 0.3726, 0.3788



76.0566, 0.3287, 0.3435



25.2167, 0.3557, 0.2919



16.2497, 0.3311, 0.3456



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.



34.5037, 0.3726, 0.3788



58.7529, 0.3886, 0.3900



43.2380, 0.3583, 0.4118



9.3008, 0.3273, 0.3423



13.9516, 0.5148, 0.4294



0.5510, 0.4816, 0.4558

Inverse Universe

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



27.5499, 0.2591, 0.2733



44.2134, 0.2467, 0.2586



21.0174, 0.2577, 0.2327



8.7930, 0.2985, 0.3154



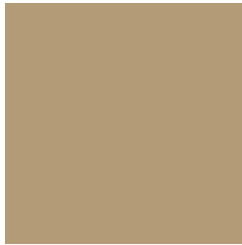
5.9434, 0.1705, 0.1339



0.3034, 0.1863, 0.1907

Previews

White Background



This preview shows how the Yxy color 34.5021, 0.3726, 0.3788 looks on a white background.

Color Contrast Check

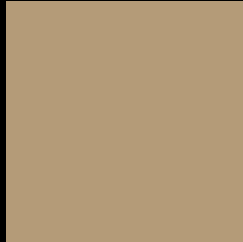
Large Text (above 18pt) WCAG AA × Fail

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 34.5021, 0.3726, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

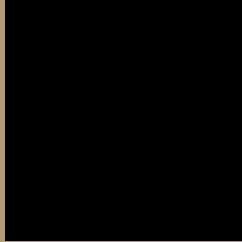
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5021, 0.3726, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 34.5021, 0.3726, 0.3788.



This preview shows how white text looks on a background with the Yxy color 34.5021, 0.3726, 0.3788.

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

34.5021, 0.3726, 0.3788

Protanopia

34.7475, 0.3584, 0.3833

Deuteranopia

34.4017, 0.3805, 0.3721



Tritanopia

34.3824, 0.3382, 0.3127

Trichromacy



Original Color

34.5021, 0.3726, 0.3788

Protanomaly

34.8329, 0.3640, 0.3826

Deuteranomaly

34.3533, 0.3768, 0.3740

Tritanomaly

34.2758, 0.3509, 0.3361

Monochromacy



Original Color

34.5021, 0.3726, 0.3788

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2345, 0.3338, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5021, 0.3726, 0.3788 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(180, 155, 120)` looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 120)  
}
```

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(180, 155, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.5021, 0.3726, 0.3788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

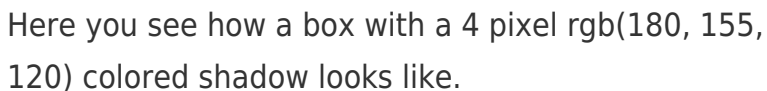
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 155, 120) }
```

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

```
.border{ border-color:rgb(180, 155, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 155, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 120);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5021, 0.3726, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 120) }
```

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

```
.background{ background-color: rgb(180,  
155, 120) }
```

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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