

Converting Colors

$Yxy(33.9500, 0.3774, 0.3753)$

Have a look what the booklet for
Yxy(33.9500, 0.3774, 0.3753)
contains.

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Color

Yxy(33.8798, 0.3772, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	B79878
RGB	183, 152, 120
RGB Percent	72%, 60%, 47%
CMY	0.2822, 0.4039, 0.5294
CMYK	0.00, 0.17, 0.34, 0.28
HSL	30°, 30%, 59%
HSV	30°, 34%, 72%
XYZ	34.1514, 33.8798, 22.5081
YIQ	157.6210, 28.7480, -3.3800

Conversions

Conversions Part 2

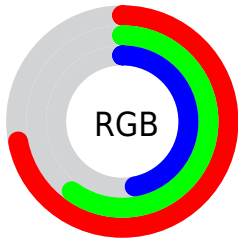
Format	Color
RYB	181, 183, 120
Decimal	12032120
CIELab	64.87, 6.90, 21.17
CIELCh	65, 22.265, 71.954
Yxy	33.8798, 0.3772, 0.3742
Android (android.graphics.Color)	4290222200 (0xFFB79878)
YUV	157.6210, -18.5472, 22.2574
Hunter-Lab	58.2064, 2.8702, 17.8173

Details

The Yxy color **33.8798, 0.3772, 0.3742** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.5562, 0.2582, 0.2788**, and the grayscale version is **34.0889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6464, 0.3649, 0.3660**, and **14.4294, 0.3986, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **30.6638, 0.4010, 0.3875**, and if you desaturate by 10%, it is **37.4062, 0.3556, 0.3606**.

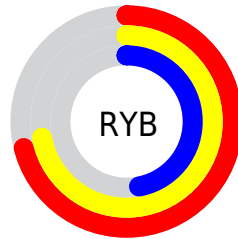
Distribution



Red (72%)

Green (60%)

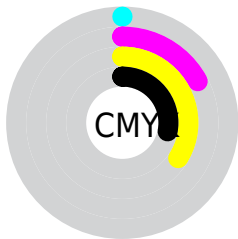
Blue (47%)



Red (71%)

Yellow (72%)

Blue (47%)

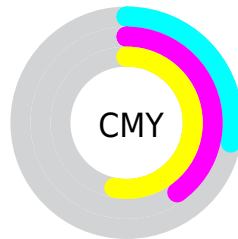


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8798, 0.3772, 0.3742 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 33.8798, 0.3772, 0.3742 by changing the saturation by 10% instead.


 33.8798, 0.3772,
0.3742


 33.8798, 0.3772,
0.3742


319.5958, 0.3432,
0.3511

 22.8013, 0.3862,
0.3800


 65.7467, 0.3644,
0.3658

 14.4468, 0.3980,
0.3874


 87.3039, 0.3598,
0.3626

 8.4321, 0.4142,
0.3971


 113.1227, 0.3559,
0.3599

 4.3727, 0.4372,
0.4100

143.5876, 0.3526,
0.3577

 1.8841, 0.4869,
0.4402

179.0830, 0.3497,
0.3557

 0.5388, 0.5581,
0.4419

219.9932, 0.3473,

 0.0000, 0.0000,

0.3540

0.0000

266.7026, 0.3451,
0.3525

■ 33.8798, 0.3772,
0.3742

■ 33.8798, 0.3772,
0.3742

■ 30.6638, 0.4010,
0.3875

■ 37.4062, 0.3556,
0.3606

■ 27.7436, 0.4268,
0.3996

■ 41.2474, 0.3364,
0.3472

■ 25.1105, 0.4536,
0.4095

■ 45.4139, 0.3195,
0.3344

■ 22.7532, 0.4804,
0.4159

■ 49.9139, 0.3047,
0.3224

■ 20.6592, 0.5055,
0.4177

■ 54.7555, 0.2918,
0.3113

■ 18.8145, 0.5272,
0.4142

■ 59.9464, 0.2805,
0.3010

■ 17.8839, 0.5384,
0.4107

■ 65.4940, 0.2707,
0.2915

■ 70.6481, 0.2680,
0.2947

■ 75.6235, 0.2691,
0.3049

Harmonies

Analogous

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



33.8798, 0.3809, 0.3486



33.8798, 0.3772, 0.3742



33.8798, 0.3557, 0.3895

Triad

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



33.8798, 0.3772, 0.3742



33.8798, 0.2625, 0.3352



33.8798, 0.2991, 0.2776

Complementary

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



33.8798, 0.3772, 0.3742



29.5562, 0.2582, 0.2788

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.



33.8798, 0.2693, 0.2724



33.8798, 0.3772, 0.3742



33.8798, 0.2491, 0.3033

Square

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



33.8798, 0.3772, 0.3742



33.8798, 0.2893, 0.3673



33.8798, 0.2515, 0.2810



33.8798, 0.3343, 0.2947

Rectangle

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



33.8798, 0.3772, 0.3742



33.8798, 0.3348, 0.3905



33.8798, 0.2515, 0.2810



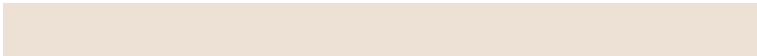
33.8798, 0.2882, 0.2744

Sweetspot

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



33.8814, 0.3772, 0.3742



76.9636, 0.3289, 0.3417



25.7543, 0.3526, 0.2848



16.7707, 0.3314, 0.3435



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.



33.8814, 0.3772, 0.3742



56.4362, 0.3942, 0.3839



45.3046, 0.3638, 0.4134



9.7456, 0.3275, 0.3406



12.6099, 0.5366, 0.4122



0.5681, 0.4986, 0.4423

Inverse Universe

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



29.5562, 0.2582, 0.2788



47.5687, 0.2465, 0.2662



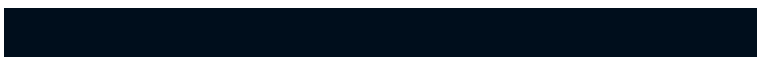
20.8457, 0.2515, 0.2279



9.4300, 0.2985, 0.3171



7.6350, 0.1771, 0.1574



0.3931, 0.1903, 0.2051

Previews

White Background



This preview shows how the Yxy color 33.8798, 0.3772, 0.3742 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 33.8798, 0.3772, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

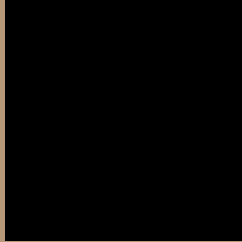
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8798, 0.3772, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 33.8798, 0.3772, 0.3742.



This preview shows how white text looks on a background with the Yxy color 33.8798, 0.3772, 0.3742.

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

33.8798, 0.3772, 0.3742

Protanopia

33.8439, 0.3570, 0.3810

Deuteranopia

33.8036, 0.3798, 0.3725



Tritanopia

33.9009, 0.3437, 0.3141

Trichromacy



Original Color

33.8798, 0.3772, 0.3742

Protanomaly

33.7074, 0.3641, 0.3787

Deuteranomaly

33.6796, 0.3787, 0.3727

Tritanomaly

33.9476, 0.3567, 0.3361

Monochromacy



Original Color

33.8798, 0.3772, 0.3742

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.0060, 0.3350, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8798, 0.3772, 0.3742 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(183, 152, 120)` looks like.

```
.text, #text, p{  
    color:rgb(183, 152, 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(183, 152, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 152, 120) }
```

Border

The CSS property to change the border of an element to Yxy 33.8798, 0.3772, 0.3742 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(183, 152, 120) }
```

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

```
.border{ border-color:rgb(183, 152, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 152, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 152, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 152, 120);  
box-shadow:4px 4px 4px 4px rgb(183, 152,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8798, 0.3772, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 152, 120) }
```

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

```
.background{ background-color: rgb(183,  
152, 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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