

Converting Colors

$Yxy(33.8326, 0.3472, 0.3693)$

Have a look what the booklet for
Yxy(33.8326, 0.3472, 0.3693)
contains.

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Color

Yxy(33.8326, 0.3472, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	A69D82
RGB	166, 157, 130
RGB Percent	65%, 62%, 51%
CMY	0.3491, 0.3843, 0.4902
CMYK	0.00, 0.05, 0.22, 0.35
HSL	45°, 17%, 58%
HSV	45°, 22%, 65%
XYZ	31.8080, 33.8326, 25.9722
YIQ	156.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

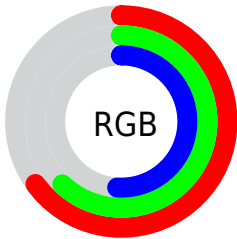
Format	Color
RYB	142, 166, 130
Decimal	10919298
CIELab	64.83, -1.26, 15.33
CIElCh	65, 15.378, 94.717
Yxy	33.8326, 0.3472, 0.3693
Android (android.graphics.Color)	4289109378 (0xFFA69D82)
YUV	156.6130, -13.1202, 8.2324
Hunter-Lab	58.1658, -4.1774, 14.2419

Details

The Yxy color **33.8326, 0.3472, 0.3693** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9520, 0.2782, 0.2852**, and the grayscale version is **33.5886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3796, 0.3403, 0.3608**, and **14.4796, 0.3581, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **32.0481, 0.3649, 0.3885**, and if you desaturate by 10%, it is **35.7394, 0.3306, 0.3503**.

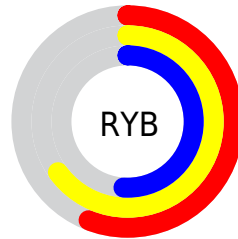
Distribution



Red (65%)

Green (62%)

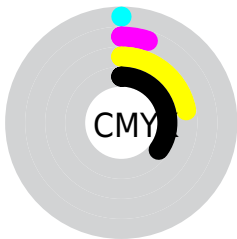
Blue (51%)



Red (56%)

Yellow (65%)

Blue (51%)

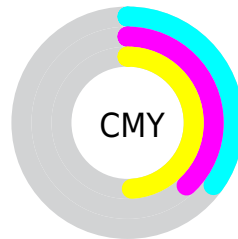


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8326, 0.3472, 0.3693 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 33.8326, 0.3472, 0.3693 by changing the saturation by 10% instead.


 33.8326, 0.3472,
0.3693


 33.8326, 0.3472,
0.3693


319.3850, 0.3291,
0.3481

 22.7650, 0.3520,
0.3750


 65.6733, 0.3404,
0.3613

 14.4201, 0.3583,
0.3825

 87.2151, 0.3379,
0.3584

 8.4134, 0.3669,
0.3928

 113.0173, 0.3359,
0.3560

 4.3606, 0.3794,
0.4079

143.4640, 0.3341,
0.3539

 1.8773, 0.4007,
0.4338

178.9397, 0.3326,
0.3521

 0.5347, 0.4717,
0.5283

219.8289, 0.3313,

 0.0000, 0.0000,

0.3506

0.0000

266.5158, 0.3301,
0.3492

■ 33.8326, 0.3472,
0.3693

■ 33.8326, 0.3472,
0.3693

■ 32.0481, 0.3649,
0.3885

■ 35.7394, 0.3306,
0.3503

■ 30.3774, 0.3832,
0.4074

■ 37.7676, 0.3152,
0.3320

■ 28.8179, 0.4017,
0.4249

■ 39.9222, 0.3011,
0.3146

■ 27.3650, 0.4197,
0.4403

■ 42.2065, 0.2883,
0.2984

■ 26.0136, 0.4364,
0.4525

■ 44.6235, 0.2768,
0.2834

■ 24.7582, 0.4509,
0.4606

■ 47.1765, 0.2665,
0.2696

■ 23.5921, 0.4627,
0.4640

■ 49.8681, 0.2572,
0.2569

■ 22.6775, 0.4710,
0.4642

■ 52.1900, 0.2530,
0.2530

■ 54.0078, 0.2537,
0.2580

Harmonies

Analogous

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



33.8326, 0.3591, 0.3572



33.8326, 0.3472, 0.3693



33.8326, 0.3262, 0.3705

Triad

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



33.8326, 0.3472, 0.3693



33.8326, 0.2694, 0.3167



33.8326, 0.3220, 0.3013

Complementary

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



33.8326, 0.3472, 0.3693



25.9520, 0.2782, 0.2852

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.



33.8326, 0.2979, 0.2910



33.8326, 0.3472, 0.3693



33.8326, 0.2683, 0.2989

Square

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



33.8326, 0.3472, 0.3693



33.8326, 0.2816, 0.3391



33.8326, 0.2785, 0.2899



33.8326, 0.3443, 0.3184

Rectangle

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



33.8326, 0.3472, 0.3693



33.8326, 0.3102, 0.3643



33.8326, 0.2785, 0.2899



33.8326, 0.3139, 0.2970

Sweetspot

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



33.8341, 0.3472, 0.3693



66.5313, 0.3234, 0.3419



25.9332, 0.3449, 0.3154



14.8424, 0.3243, 0.3429



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.8341, 0.3472, 0.3693



59.8409, 0.3556, 0.3786



36.0410, 0.3357, 0.3834



8.4526, 0.3268, 0.3459



17.6677, 0.4704, 0.4647



0.5037, 0.4504, 0.4806

Inverse Universe

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



25.9520, 0.2782, 0.2852



42.9511, 0.2697, 0.2740



24.2057, 0.2863, 0.2716



7.5929, 0.2986, 0.3116



3.4484, 0.1587, 0.0913



0.1623, 0.1763, 0.1546

Previews

White Background



This preview shows how the Yxy color 33.8326, 0.3472, 0.3693 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 33.8326, 0.3472, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

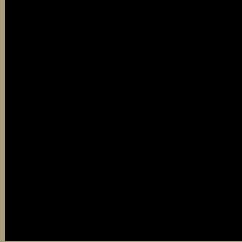
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8326, 0.3472, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 33.8326, 0.3472, 0.3693.



This preview shows how white text looks on a background with the Yxy color 33.8326, 0.3472, 0.3693.

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

33.8326, 0.3472, 0.3693

Protanopia

33.8326, 0.3472, 0.3693

Deuteranopia

33.7170, 0.3652, 0.3574



Tritanopia

33.6829, 0.3195, 0.3119

Trichromacy



Original Color

33.8326, 0.3472, 0.3693

Protanomaly

33.8326, 0.3472, 0.3693

Deuteranomaly

33.6513, 0.3581, 0.3609

Tritanomaly

33.8132, 0.3297, 0.3320

Monochromacy



Original Color

33.8326, 0.3472, 0.3693

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.6941, 0.3249, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8326, 0.3472, 0.3693 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(166, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 130)  
}
```

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(166, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 130) }
```

Border

The CSS property to change the border of an element to Yxy 33.8326, 0.3472, 0.3693 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(166, 157, 130) }
```

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

```
.border{ border-color:rgb(166, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8326, 0.3472, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 130) }
```

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

```
.background{ background-color: rgb(166,  
157, 130) }
```

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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