

Converting Colors

$Yxy(33.8180, 0.3383, 0.3532)$

Have a look what the booklet for
Yxy(33.8180, 0.3383, 0.3532)
contains.

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Color

Yxy(33.7774, 0.3378, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	A69C8C
RGB	166, 156, 140
RGB Percent	65%, 61%, 55%
CMY	0.3492, 0.3882, 0.4510
CMYK	0.00, 0.06, 0.16, 0.35
HSL	37°, 13%, 60%
HSV	37°, 16%, 65%
XYZ	32.3413, 33.7774, 29.6222
YIQ	157.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

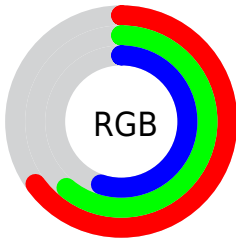
Format	Color
RYB	156, 166, 140
Decimal	10919052
CIELab	64.79, 0.85, 9.69
CIELCh	65, 9.730, 84.963
Yxy	33.7774, 0.3378, 0.3528
Android (android.graphics.Color)	4289109132 (0xFFA69C8C)
YUV	157.1660, -8.4628, 7.7474
Hunter-Lab	58.1183, -2.3766, 10.4634

Details

The Yxy color **33.7774, 0.3378, 0.3528** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1183, 0.2886, 0.3040**, and the grayscale version is **33.8290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3604, 0.3324, 0.3471**, and **14.4187, 0.3461, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **31.2482, 0.3561, 0.3688**, and if you desaturate by 10%, it is **36.4950, 0.3213, 0.3374**.

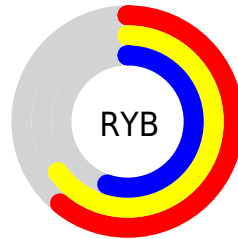
Distribution



Red (65%)

Green (61%)

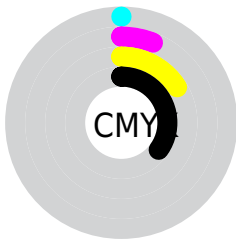
Blue (55%)



Red (61%)

Yellow (65%)

Blue (55%)

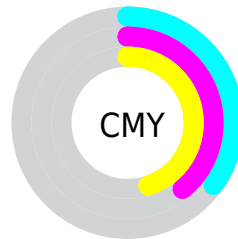


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7774, 0.3378, 0.3528 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 33.7774, 0.3378, 0.3528 by changing the saturation by 10% instead.

 33.7774, 0.3378,
0.3528


 33.7774, 0.3378,
0.3528


319.1383, 0.3246,
0.3403


 22.7226, 0.3413,
0.3561


 65.5874, 0.3328,
0.3481

 14.3888, 0.3460,
0.3605


 87.1114, 0.3310,
0.3464

 8.3916, 0.3526,
0.3666

 112.8939, 0.3295,
0.3450

 4.3465, 0.3623,
0.3756

143.3193, 0.3282,
0.3437

 1.8692, 0.3780,
0.3901

178.7721, 0.3271,
0.3427

 0.5298, 0.4974,
0.5026

219.6366, 0.3261,

 0.0000, 0.0000,

0.3418

0.0000

266.2972, 0.3253,
0.3410

■ 33.7774, 0.3378,
0.3528

■ 33.7774, 0.3378,
0.3528

■ 31.2482, 0.3561,
0.3688

■ 36.4950, 0.3213,
0.3374

■ 28.8979, 0.3760,
0.3849

■ 39.4013, 0.3065,
0.3228

■ 26.7229, 0.3974,
0.4006

■ 42.5024, 0.2933,
0.3091

■ 24.7173, 0.4196,
0.4148

■ 45.8024, 0.2817,
0.2965

■ 22.8753, 0.4420,
0.4267

■ 49.3057, 0.2713,
0.2848

■ 21.1901, 0.4634,
0.4350

■ 53.0162, 0.2622,
0.2741

■ 19.6544, 0.4828,
0.4388

■ 56.8627, 0.2547,
0.2656

■ 18.2590, 0.4992,
0.4377

■ 59.8772, 0.2558,
0.2732

■ 17.6878, 0.5060,
0.4364

■ 63.0157, 0.2568,
0.2809

Harmonies

Analogous

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



33.7774, 0.3427, 0.3437



33.7774, 0.3378, 0.3528



33.7774, 0.3262, 0.3556

Triad

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



33.7774, 0.3378, 0.3528



33.7774, 0.2868, 0.3259



33.7774, 0.3137, 0.3084

Complementary

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



33.7774, 0.3378, 0.3528



30.1183, 0.2886, 0.3040

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.



33.7774, 0.2989, 0.3036



33.7774, 0.3378, 0.3528



33.7774, 0.2837, 0.3133

Square

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



33.7774, 0.3378, 0.3528



33.7774, 0.2968, 0.3399



33.7774, 0.2880, 0.3053



33.7774, 0.3286, 0.3184

Rectangle

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



33.7774, 0.3378, 0.3528



33.7774, 0.3163, 0.3533



33.7774, 0.2880, 0.3053



33.7774, 0.3086, 0.3062

Sweetspot

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



33.7789, 0.3378, 0.3528



66.5532, 0.3204, 0.3365



29.0567, 0.3308, 0.3142



14.8160, 0.3215, 0.3375



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.



33.7789, 0.3378, 0.3528



59.5958, 0.3444, 0.3587



36.9308, 0.3327, 0.3673



8.2840, 0.3271, 0.3429



13.8152, 0.5050, 0.4372



0.4304, 0.4702, 0.4648

Inverse Universe

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



30.1183, 0.2886, 0.3040



51.5847, 0.2825, 0.2974



27.3469, 0.2910, 0.2884



7.7539, 0.2986, 0.3147



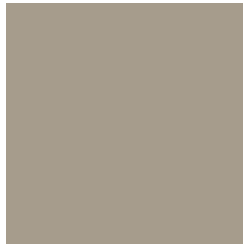
5.0246, 0.1679, 0.1244



0.2215, 0.1869, 0.1929

Previews

White Background



This preview shows how the Yxy color 33.7774, 0.3378, 0.3528 looks on a white background.

Color Contrast Check

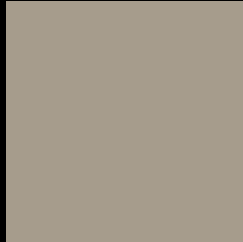
Large Text (above 18pt) WCAG AA × Fail

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 33.7774, 0.3378, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

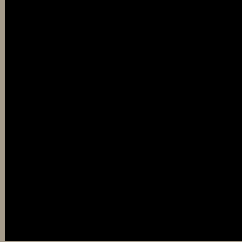
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

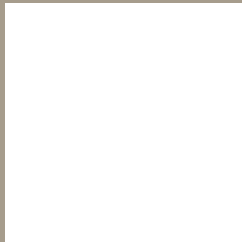
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.7774, 0.3378, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 33.7774, 0.3378, 0.3528.



This preview shows how white text looks on a background with the Yxy color 33.7774, 0.3378, 0.3528.

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

33.7774, 0.3378, 0.3528

Protanopia

33.8999, 0.3356, 0.3544

Deuteranopia

33.5213, 0.3507, 0.3434



Tritanopia

33.5718, 0.3185, 0.3118

Trichromacy



Original Color

33.7774, 0.3378, 0.3528

Protanomaly

34.0067, 0.3366, 0.3543

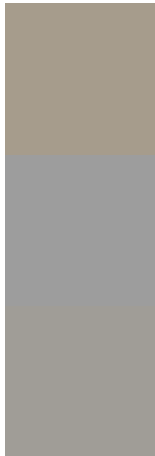
Deuteranomaly

33.7042, 0.3459, 0.3464

Tritanomaly

33.4739, 0.3260, 0.3261

Monochromacy



Original Color

33.7774, 0.3378, 0.3528

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8219, 0.3212, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7774, 0.3378, 0.3528 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, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 140)  
}
```

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, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 140) }
```

Border

The CSS property to change the border of an element to Yxy 33.7774, 0.3378, 0.3528 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, 156, 140) }
```

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

```
.border{ border-color:rgb(166, 156, 140) }
```

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

Here you see how a box with a 4 pixel rgb(166, 156, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7774, 0.3378, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 140) }
```

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

```
.background{ background-color: rgb(166,  
156, 140) }
```

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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