

Converting Colors

$Yxy(33.7072, 0.3187, 0.3167)$

Have a look what the booklet for
Yxy(33.7072, 0.3187, 0.3167)
contains.

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Color

Yxy(33.6066, 0.3183, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	A799A2
RGB	167, 153, 162
RGB Percent	65%, 60%, 64%
CMY	0.3451, 0.4000, 0.3646
CMYK	0.00, 0.08, 0.03, 0.35
HSL	321°, 7%, 63%
HSV	321°, 8%, 65%
XYZ	33.8512, 33.6066, 38.8922
YIQ	158.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

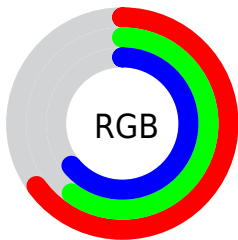
Format	Color
RYB	167, 153, 162
Decimal	10983842
CIELab	64.65, 6.79, -2.85
CIELCh	65, 7.368, 337.203
Yxy	33.6066, 0.3183, 0.3160
Android (android.graphics.Color)	4289173922 (0xFFA799A2)
YUV	158.2120, 1.8675, 7.7071
Hunter-Lab	57.9712, 2.7822, 0.8029

Details

The Yxy color **33.6066, 0.3183, 0.3160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8806, 0.3075, 0.3424**, and the grayscale version is **34.2841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1650, 0.3170, 0.3180**, and **14.2734, 0.3207, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **28.3116, 0.3261, 0.2998**, and if you desaturate by 10%, it is **39.6797, 0.3117, 0.3314**.

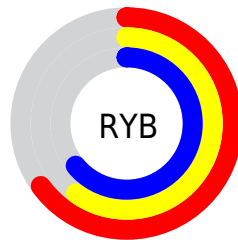
Distribution



Red (65%)

Green (60%)

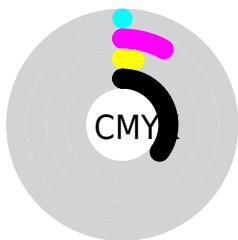
Blue (64%)



Red (65%)

Yellow (60%)

Blue (64%)

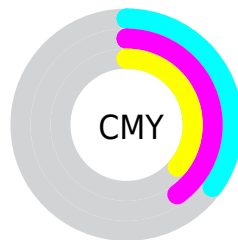


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6066, 0.3183, 0.3160 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 33.6066, 0.3183, 0.3160 by changing the saturation by 10% instead.

 33.6066, 0.3183,
0.3160

 33.6066, 0.3183,
0.3160


318.3743, 0.3154,
0.3228

 22.5915, 0.3191,
0.3142


 65.3214, 0.3172,
0.3185

 14.2922, 0.3201,
0.3118


 86.7900, 0.3168,
0.3195

 8.3242, 0.3215,
0.3085


112.5119, 0.3165,
0.3203

 4.3031, 0.3235,
0.3037

142.8714, 0.3162,
0.3209

 1.8445, 0.3269,
0.2959

178.2530, 0.3160,
0.3215

 0.5147, 0.3394,
0.2667

219.0411, 0.3157,

 0.0000, 0.0000,

0.3220

0.0000

265.6201, 0.3156,
0.3224

■ 33.6066, 0.3183,
0.3160

■ 33.6066, 0.3183,
0.3160

■ 28.3116, 0.3261,
0.2998

■ 39.6797, 0.3117,
0.3314

■ 23.7587, 0.3352,
0.2832

■ 46.5563, 0.3062,
0.3459

■ 19.9152, 0.3458,
0.2667

■ 54.2664, 0.3016,
0.3594

■ 16.7446, 0.3579,
0.2509

■ 62.8368, 0.2978,
0.3718

■ 14.2071, 0.3715,
0.2369

■ 72.2932, 0.2946,
0.3833

■ 12.2584, 0.3862,
0.2255

■ 82.6603, 0.2919,
0.3938

■ 10.8487, 0.4016,
0.2180

■ 84.0800, 0.2890,
0.3884

■ 9.9198, 0.4173,
0.2152

■ 84.3704, 0.2859,
0.3812

■ 9.3673, 0.4328,
0.2168

■ 84.6719, 0.2829,
0.3741

Harmonies

Analogous

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



33.6066, 0.3067, 0.3106



33.6066, 0.3183, 0.3160



33.6066, 0.3286, 0.3248

Triad

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



33.6066, 0.3183, 0.3160



33.6066, 0.3287, 0.3486



33.6066, 0.2913, 0.3226

Complementary

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



33.6066, 0.3183, 0.3160



36.8806, 0.3075, 0.3424

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.



33.6066, 0.2970, 0.3331



33.6066, 0.3183, 0.3160



33.6066, 0.3185, 0.3483

Square

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



33.6066, 0.3183, 0.3160



33.6066, 0.3346, 0.3435



33.6066, 0.3069, 0.3426



33.6066, 0.2913, 0.3141

Rectangle

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



33.6066, 0.3183, 0.3160



33.6066, 0.3332, 0.3315



33.6066, 0.3069, 0.3426



33.6066, 0.2926, 0.3260

Sweetspot

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



33.6081, 0.3183, 0.3160



65.8061, 0.3147, 0.3243



32.8321, 0.3048, 0.3084



14.5342, 0.3152, 0.3231



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.



33.6081, 0.3183, 0.3160



58.3821, 0.3196, 0.3132



33.3688, 0.3249, 0.3260



7.6205, 0.3190, 0.3146



7.1165, 0.4340, 0.2164



0.1824, 0.3883, 0.1913

Inverse Universe

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



33.6081, 0.3183, 0.3160



58.3821, 0.3196, 0.3132



37.1255, 0.3018, 0.3321



7.6205, 0.3190, 0.3146



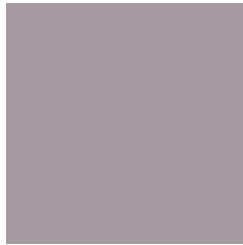
7.1165, 0.4340, 0.2164



0.1824, 0.3883, 0.1913

Previews

White Background



This preview shows how the Yxy color 33.6066, 0.3183, 0.3160 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 33.6066, 0.3183, 0.3160 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

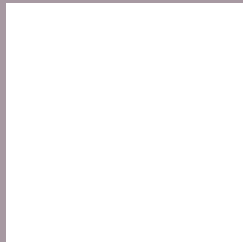
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.6066, 0.3183, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 33.6066, 0.3183, 0.3160.



This preview shows how white text looks on a background with the Yxy color 33.6066, 0.3183, 0.3160.

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

33.6066, 0.3183, 0.3160

Protanopia

33.7264, 0.3075, 0.3172

Deuteranopia

33.6112, 0.3214, 0.3147



Tritanopia

33.7146, 0.3155, 0.3118

Trichromacy



Original Color

33.6066, 0.3183, 0.3160

Protanomaly

33.6641, 0.3113, 0.3173

Deuteranomaly

33.5001, 0.3204, 0.3147

Tritanomaly

33.6783, 0.3164, 0.3132

Monochromacy



Original Color

33.6066, 0.3183, 0.3160

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8572, 0.3149, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6066, 0.3183, 0.3160 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(167, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(167, 153, 162)  
}
```

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(167, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 153, 162) }
```

Border

The CSS property to change the border of an element to Yxy 33.6066, 0.3183, 0.3160 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(167, 153, 162) }
```

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

```
.border{ border-color:rgb(167, 153, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 153, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 153, 162); box-shadow:4px 4px 4px 4px rgb(167, 153, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6066, 0.3183, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 153, 162) }
```

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

```
.background{ background-color: rgb(167,  
153, 162) }
```

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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