

Converting Colors

$Yxy(33.6118, 0.3094, 0.3042)$

Have a look what the booklet for
Yxy(33.6118, 0.3094, 0.3042)
contains.

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Color

Yxy(33.6841, 0.3090, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	A599AA
RGB	165, 153, 170
RGB Percent	65%, 60%, 67%
CMY	0.3528, 0.4000, 0.3333
CMYK	0.03, 0.10, 0.00, 0.33
HSL	283°, 9%, 63%
HSV	283°, 10%, 67%
XYZ	34.1707, 33.6841, 42.7299
YIQ	158.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

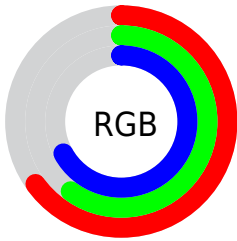
Format	Color
RYB	165, 153, 170
Decimal	10852778
CIELab	64.71, 7.64, -7.27
CIELCh	65, 10.544, 316.409
Yxy	33.6841, 0.3090, 0.3046
Android (android.graphics.Color)	4289042858 (0xFFA599AA)
YUV	158.5260, 5.6567, 5.6777
Hunter-Lab	58.0380, 3.5278, -3.0251

Details

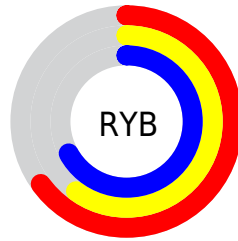
The Yxy color **33.6841, 0.3090, 0.3046** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3120, 0.3161, 0.3539**, and the grayscale version is **34.4196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2775, 0.3099, 0.3093**, and **14.3215, 0.3072, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **27.9910, 0.3046, 0.2788**, and if you desaturate by 10%, it is **40.1934, 0.3127, 0.3290**.

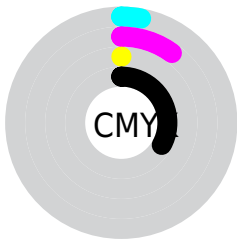
Distribution



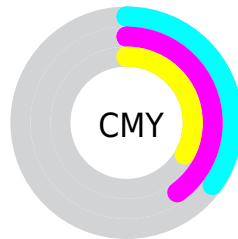
- Red (65%)
- Green (60%)
- Blue (67%)



- Red (65%)
- Yellow (60%)
- Blue (67%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6841, 0.3090, 0.3046 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 33.6841, 0.3090, 0.3046 by changing the saturation by 10% instead.

■ 33.6841, 0.3090,
0.3046

■ 33.6841, 0.3090,
0.3046

■ 318.7212, 0.3110,
0.3173

■ 22.6510, 0.3084,
0.3013

■ 65.4421, 0.3098,
0.3093

■ 14.3360, 0.3076,
0.2969

■ 86.9358, 0.3101,
0.3111

■ 8.3548, 0.3065,
0.2909

■ 112.6852, 0.3103,
0.3125

■ 4.3228, 0.3048,
0.2822

■ 143.0747, 0.3105,
0.3137

■ 1.8557, 0.3018,
0.2684

■ 178.4886, 0.3107,
0.3148

■ 0.5215, 0.2986,
0.2283

■ 219.3114, 0.3108,

■ 0.0000, 0.0000,

0.3157

0.0000

265.9275, 0.3109,
0.3166

■ 33.6841, 0.3090,
0.3046

■ 33.6841, 0.3090,
0.3046

■ 27.9910, 0.3046,
0.2788

■ 40.1934, 0.3127,
0.3290

■ 23.0763, 0.2994,
0.2522

■ 47.5463, 0.3158,
0.3517

■ 18.9054, 0.2934,
0.2253

■ 55.7740, 0.3183,
0.3726

■ 15.4394, 0.2867,
0.1992

■ 64.9050, 0.3203,
0.3916

■ 12.6361, 0.2795,
0.1749

■ 74.9664, 0.3218,
0.4088

10.4482, 0.2718,
0.1536

85.9842, 0.3230,
0.4244

8.8224, 0.2640,
0.1363

86.6605, 0.3262,
0.4234

7.6959, 0.2563,
0.1234

87.3520, 0.3294,
0.4225

6.9305, 0.2488,
0.1144

88.0657, 0.3326,
0.4215

Harmonies

Analogous

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



33.6841, 0.2938, 0.3013



33.6841, 0.3090, 0.3046



33.6841, 0.3256, 0.3140

Triad

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



33.6841, 0.3090, 0.3046



33.6841, 0.3423, 0.3526



33.6841, 0.2871, 0.3300

Complementary

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



33.6841, 0.3090, 0.3046



38.3120, 0.3161, 0.3539

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.



33.6841, 0.2996, 0.3448



33.6841, 0.3090, 0.3046



33.6841, 0.3315, 0.3578

Square

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



33.6841, 0.3090, 0.3046



33.6841, 0.3451, 0.3412



33.6841, 0.3158, 0.3551



33.6841, 0.2814, 0.3154

Rectangle

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



33.6841, 0.3090, 0.3046



33.6841, 0.3351, 0.3225



33.6841, 0.3158, 0.3551



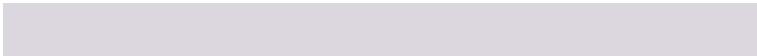
33.6841, 0.2906, 0.3351

Sweetspot

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



33.6855, 0.3090, 0.3046



69.1678, 0.3117, 0.3217



34.1588, 0.2975, 0.3114



15.2114, 0.3114, 0.3198



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.6855, 0.3090, 0.3046



58.7091, 0.3081, 0.2990



34.1002, 0.3170, 0.3097



7.5553, 0.3093, 0.3064



5.1278, 0.2496, 0.1148



0.1490, 0.2743, 0.1285

Inverse Universe

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



33.7917, 0.3252, 0.3219



58.9493, 0.3283, 0.3203



37.9340, 0.3087, 0.3491



7.5769, 0.3242, 0.3224



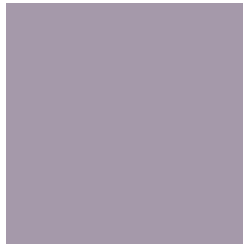
6.4615, 0.5750, 0.2941



0.1660, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 33.6841, 0.3090, 0.3046 looks on a white background.

Color Contrast Check

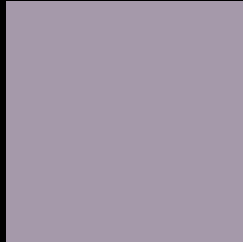
Large Text (above 18pt) WCAG AA × Fail

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 33.6841, 0.3090, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

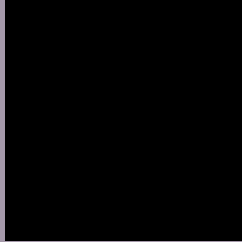
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6841, 0.3090, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 33.6841, 0.3090, 0.3046.



This preview shows how white text looks on a background with the Yxy color 33.6841, 0.3090, 0.3046.

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

33.6841, 0.3090, 0.3046

Protanopia

33.7241, 0.2976, 0.3055

Deuteranopia

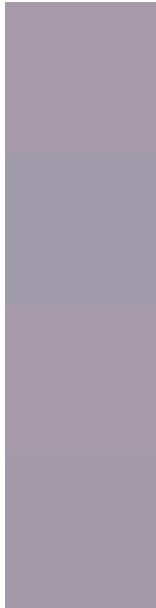
33.7917, 0.3099, 0.3047



Tritanopia

33.7569, 0.3116, 0.3116

Trichromacy



Original Color

33.6841, 0.3090, 0.3046

Protanomaly

33.7539, 0.3022, 0.3057

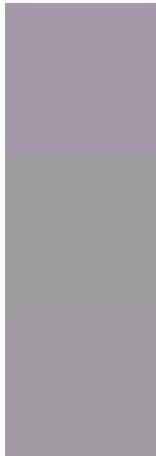
Deuteranomaly

33.7917, 0.3099, 0.3047

Tritanomaly

33.7937, 0.3107, 0.3102

Monochromacy



Original Color

33.6841, 0.3090, 0.3046

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3354, 0.3112, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6841, 0.3090, 0.3046 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(165, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 170)  
}
```

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(165, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 170) }
```

Border

The CSS property to change the border of an element to Yxy 33.6841, 0.3090, 0.3046 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(165, 153, 170) }
```

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

```
.border{ border-color:rgb(165, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6841, 0.3090, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 170) }
```

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

```
.background{ background-color: rgb(165,  
153, 170) }
```

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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