

Converting Colors

Yxy(33.6867, 0.3443, 0.3333)

Have a look what the booklet for
Yxy(33.6867, 0.3443, 0.3333)
contains.

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Color

Yxy(33.7363, 0.3436, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	B29794
RGB	178, 151, 148
RGB Percent	70%, 59%, 58%
CMY	0.3018, 0.4079, 0.4195
CMYK	0.00, 0.15, 0.17, 0.30
HSL	6°, 16%, 64%
HSV	6°, 17%, 70%
XYZ	34.7789, 33.7363, 32.7039
YIQ	158.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

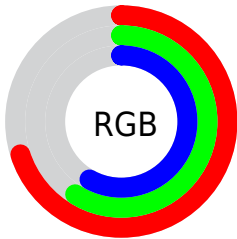
Format	Color
R_{YB}	178, 151, 148
Decimal	11704212
CIE Lab	64.75, 9.55, 5.29
CIE LCh	65, 10.920, 28.969
Yxy	33.7363, 0.3436, 0.3333
Android (android.graphics.Color)	4289894292 (0xFFB29794)
YUV	158.7310, -5.2904, 16.8989
Hunter-Lab	58.0830, 5.2369, 7.2746

Details

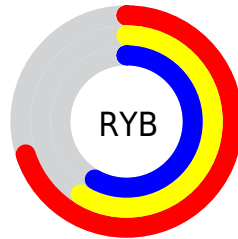
The Yxy color **33.7363, 0.3436, 0.3333** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1984, 0.2875, 0.3247**, and the grayscale version is **34.5631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4193, 0.3374, 0.3323**, and **14.3374, 0.3546, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **28.4001, 0.3676, 0.3361**, and if you desaturate by 10%, it is **39.8649, 0.3240, 0.3307**.

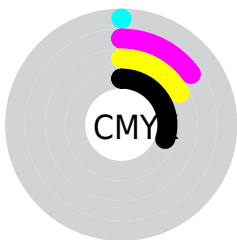
Distribution



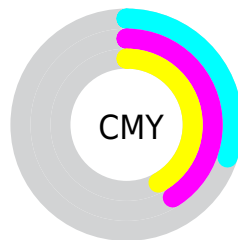
- Red (70%)
- Green (59%)
- Blue (58%)



- Red (70%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (30%)





- Cyan (30%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7363, 0.3436, 0.3333 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 33.7363, 0.3436, 0.3333 by changing the saturation by 10% instead.


 33.7363, 0.3436,
0.3333


 33.7363, 0.3436,
0.3333


318.9546, 0.3272,
0.3312

 22.6911, 0.3480,
0.3338


 65.5234, 0.3374,
0.3326

 14.3656, 0.3539,
0.3344


 87.0340, 0.3352,
0.3323

 8.3754, 0.3622,
0.3352


112.8020, 0.3333,
0.3320

 4.3361, 0.3745,
0.3361

143.2116, 0.3317,
0.3318

 1.8633, 0.3949,
0.3372

178.6473, 0.3303,
0.3316

 0.5262, 0.5014,
0.3597

219.4934, 0.3292,

 0.0000, 0.0000,


0.3315


0.0000


266.1344, 0.3281,
0.3313


 33.7363, 0.3436,
0.3333


 33.7363, 0.3436,
0.3333

 28.4001, 0.3676,
0.3361

 39.8649, 0.3240,
0.3307


 23.8195, 0.3969,
0.3388


 46.8116, 0.3081,
0.3283


 19.9617, 0.4319,
0.3414

 54.6065, 0.2950,
0.3261

 16.7898, 0.4723,
0.3434

 63.2770, 0.2844,
0.3241

 14.2634, 0.5165,
0.3443

 72.8492, 0.2755,
0.3222

■ 12.3381, 0.5606,
0.3437

■ 83.3481, 0.2682,
0.3206

■ 10.9636, 0.5987,
0.3411

■ 88.2089, 0.2691,
0.3289

■ 10.0804, 0.6254,
0.3371

■ 9.8892, 0.6320,
0.3364

Harmonies

Analogous

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



33.7363, 0.3325, 0.3189



33.7363, 0.3436, 0.3333



33.7363, 0.3462, 0.3471

Triad

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



33.7363, 0.3436, 0.3333



33.7363, 0.3086, 0.3524



33.7363, 0.2863, 0.3017

Complementary

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



33.7363, 0.3436, 0.3333



40.1984, 0.2875, 0.3247

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.



33.7363, 0.2803, 0.3097



33.7363, 0.3436, 0.3333



33.7363, 0.2930, 0.3392

Square

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



33.7363, 0.3436, 0.3333



33.7363, 0.3257, 0.3587



33.7363, 0.2828, 0.3234



33.7363, 0.2993, 0.3009

Rectangle

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



33.7363, 0.3436, 0.3333



33.7363, 0.3427, 0.3541



33.7363, 0.2828, 0.3234



33.7363, 0.2834, 0.3036

Sweetspot

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



33.7378, 0.3436, 0.3333



74.3831, 0.3209, 0.3302



33.7714, 0.3170, 0.2913



16.2940, 0.3221, 0.3304



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.7378, 0.3436, 0.3333



57.6215, 0.3514, 0.3343



38.7089, 0.3403, 0.3535



8.6361, 0.3285, 0.3313



7.1179, 0.6308, 0.3373



0.2679, 0.5980, 0.3634

Inverse Universe

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



40.1984, 0.2875, 0.3247



71.4122, 0.2825, 0.3237



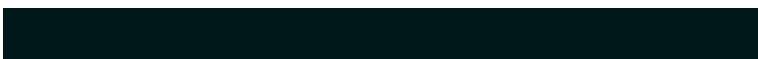
34.8380, 0.2865, 0.3032



9.4850, 0.2986, 0.3267



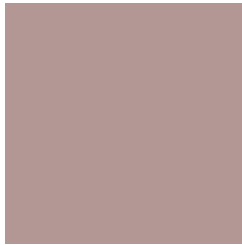
20.4373, 0.2161, 0.2981



0.6842, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 33.7363, 0.3436, 0.3333 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 33.7363, 0.3436, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

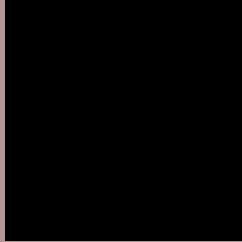
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7363, 0.3436, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 33.7363, 0.3436, 0.3333.



This preview shows how white text looks on a background with the Yxy color 33.7363, 0.3436, 0.3333.

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

33.7363, 0.3436, 0.3333

Protanopia

33.9254, 0.3222, 0.3379

Deuteranopia

33.8247, 0.3413, 0.3348



Tritanopia

33.7714, 0.3330, 0.3124

Trichromacy



Original Color

33.7363, 0.3436, 0.3333

Protanomaly

33.8602, 0.3294, 0.3364

Deuteranomaly

33.9417, 0.3423, 0.3348

Tritanomaly

33.7967, 0.3368, 0.3207

Monochromacy



Original Color

33.7363, 0.3436, 0.3333

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.2505, 0.3235, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7363, 0.3436, 0.3333 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(178, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(178, 151, 148)  
}
```

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(178, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 151, 148) }
```

Border

The CSS property to change the border of an element to Yxy 33.7363, 0.3436, 0.3333 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(178, 151, 148) }
```

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

```
.border{ border-color:rgb(178, 151, 148) }
```

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

Here you see how a box with a 4 pixel rgb(178, 151, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(178, 151,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7363, 0.3436, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 151, 148) }
```

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

```
.background{ background-color: rgb(178,  
151, 148) }
```

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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