

Converting Colors

$Yxy(33.7836, 0.3420, 0.3254)$

Have a look what the booklet for
Yxy(33.7836, 0.3420, 0.3254)
contains.

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Color

Yxy(33.7830, 0.3419, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B49698
RGB	180, 150, 152
RGB Percent	71%, 59%, 60%
CMY	0.2940, 0.4118, 0.4040
CMYK	0.00, 0.17, 0.16, 0.29
HSL	356°, 17%, 65%
HSV	356°, 17%, 71%
XYZ	35.3981, 33.7830, 34.3524
YIQ	159.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

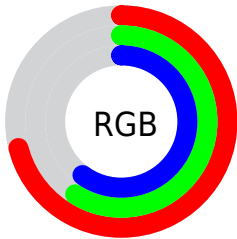
Format	Color
R_{YB}	180, 150, 152
Decimal	11835032
CIE _{Lab}	64.79, 11.50, 3.14
CIE _{LCh}	65, 11.924, 15.265
Yxy	33.7830, 0.3419, 0.3263
Android (android.graphics.Color)	4290025112 (0xFFB49698)
YUV	159.1980, -3.5486, 18.2434
Hunter-Lab	58.1231, 6.9945, 5.6441

Details

The Yxy color **33.7830, 0.3419, 0.3263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3500, 0.2894, 0.3317**, and the grayscale version is **34.7779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4748, 0.3362, 0.3269**, and **14.3753, 0.3521, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **27.9615, 0.3652, 0.3246**, and if you desaturate by 10%, it is **40.5682, 0.3231, 0.3280**.

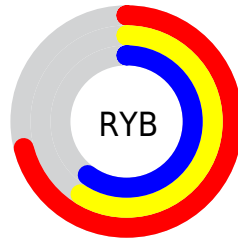
Distribution



Red (71%)

Green (59%)

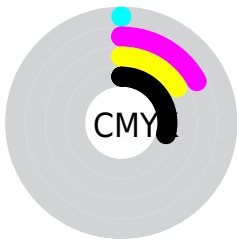
Blue (60%)



Red (71%)

Yellow (59%)

Blue (60%)

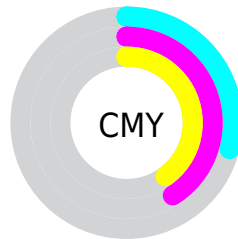


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (29%)



Cyan (29%)


Magenta (41%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.7830, 0.3419, 0.3263 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 33.7830, 0.3419, 0.3263 by changing the saturation by 10% instead.


 33.7830, 0.3419,
0.3263


 33.7830, 0.3419,
0.3263


319.1634, 0.3265,
0.3279

 22.7269, 0.3461,
0.3258


 65.5961, 0.3361,
0.3269

 14.3920, 0.3516,
0.3252


 87.1219, 0.3339,
0.3271

 8.3938, 0.3594,
0.3242


112.9064, 0.3322,
0.3273

 4.3480, 0.3709,
0.3227

143.3340, 0.3307,
0.3275

 1.8701, 0.3901,
0.3198

178.7891, 0.3294,
0.3276

 0.5303, 0.4691,
0.3170


219.6561, 0.3283,

 0.0000, 0.0000,


0.3277


0.0000


266.3194, 0.3273,
0.3278


 33.7830, 0.3419,
0.3263


 33.7830, 0.3419,
0.3263


 27.9615, 0.3652,
0.3246


 40.5682, 0.3231,
0.3280


 23.0557, 0.3940,
0.3229


 48.3533, 0.3081,
0.3295


 19.0204, 0.4289,
0.3213

 57.1781, 0.2959,
0.3309

 15.8048, 0.4697,
0.3203

 67.0788, 0.2861,
0.3322

 13.3526, 0.5147,
0.3199

 78.0900, 0.2781,
0.3333

■ 11.6006, 0.5600,
0.3207

■ 88.3086, 0.2711,
0.3312

■ 10.4754, 0.5992,
0.3228

■ 88.4456, 0.2701,
0.3289

■ 9.8775, 0.6263,
0.3257

■ 9.7318, 0.6329,
0.3260

Harmonies

Analogous

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



33.7830, 0.3265, 0.3116



33.7830, 0.3419, 0.3263



33.7830, 0.3493, 0.3421

Triad

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



33.7830, 0.3419, 0.3263



33.7830, 0.3168, 0.3589



33.7830, 0.2799, 0.3023

Complementary

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



33.7830, 0.3419, 0.3263



42.3500, 0.2894, 0.3317

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.



33.7830, 0.2775, 0.3142



33.7830, 0.3419, 0.3263



33.7830, 0.2985, 0.3474

Square

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



33.7830, 0.3419, 0.3263



33.7830, 0.3344, 0.3616



33.7830, 0.2842, 0.3307



33.7830, 0.2908, 0.2978

Rectangle

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



33.7830, 0.3419, 0.3263



33.7830, 0.3485, 0.3514



33.7830, 0.2842, 0.3307



33.7830, 0.2781, 0.3055

Sweetspot

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



33.7845, 0.3419, 0.3263



75.6626, 0.3205, 0.3282



34.5757, 0.3127, 0.2882



16.1529, 0.3216, 0.3281



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.



33.7845, 0.3419, 0.3263



57.1758, 0.3499, 0.3257



38.1048, 0.3410, 0.3471



8.5141, 0.3277, 0.3275



6.7944, 0.6314, 0.3252



0.2168, 0.5975, 0.3065

Inverse Universe

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



33.7845, 0.3419, 0.3263



57.1758, 0.3499, 0.3257



37.4213, 0.2871, 0.3102



8.5141, 0.3277, 0.3275



6.7944, 0.6314, 0.3252



0.2168, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 33.7830, 0.3419, 0.3263 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 33.7830, 0.3419, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

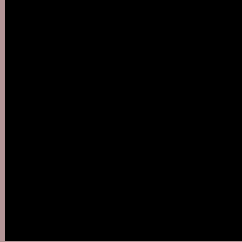
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7830, 0.3419, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 33.7830, 0.3419, 0.3263.



This preview shows how white text looks on a background with the Yxy color 33.7830, 0.3419, 0.3263.

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

33.7830, 0.3419, 0.3263

Protanopia

33.9878, 0.3166, 0.3305

Deuteranopia

33.8374, 0.3362, 0.3291



Tritanopia

33.8567, 0.3350, 0.3138

Trichromacy



Original Color

33.7830, 0.3419, 0.3263

Protanomaly

33.6932, 0.3248, 0.3276

Deuteranomaly

33.7473, 0.3385, 0.3277

Tritanomaly

33.7530, 0.3381, 0.3179

Monochromacy



Original Color

33.7830, 0.3419, 0.3263

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3927, 0.3236, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7830, 0.3419, 0.3263 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(180, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 150, 152)  
}
```

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(180, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 150, 152) }
```

Border

The CSS property to change the border of an element to Yxy 33.7830, 0.3419, 0.3263 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(180, 150, 152) }
```

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

```
.border{ border-color:rgb(180, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 150,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7830, 0.3419, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 150, 152) }
```

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

```
.background{ background-color: rgb(180,  
150, 152) }
```

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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