

Converting Colors

$Yxy(35.2137, 0.3482, 0.3432)$

Have a look what the booklet for
Yxy(35.2137, 0.3482, 0.3432)
contains.

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Color

Yxy(35.1903, 0.3477, 0.3432)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---|
| Hex | B49B91 |
| RGB | 180, 155, 145 |
| RGB Percent | 71%, 61%, 57% |
| CMY | 0.2942, 0.3921, 0.4314 |
| CMYK | 0.00, 0.14, 0.19, 0.29 |
| HSL | 17°, 19%, 64% |
| HSV | 17°, 19%, 71% |
| XYZ | 35.6517, 35.1903, 31.6938 |
| YIQ | 161.3350, 18.1100, 2.1900 |

Conversions

Conversions Part 2

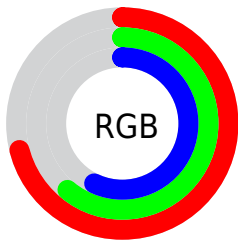
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 159, 145 |
| Decimal | 11836305 |
| CIELab | 65.90, 7.59, 8.65 |
| CIElCh | 66, 11.512, 48.747 |
| Yxy | 35.1903, 0.3477, 0.3432 |
| Android (android.graphics.Color) | 4290026385 (0xFFB49B91) |
| YUV | 161.3350, -8.0532, 16.3692 |
| Hunter-Lab | 59.3214, 3.4647, 9.8479 |

Details

The Yxy color **35.1903, 0.3477, 0.3432** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0488, 0.2832, 0.3143**, and the grayscale version is **35.8363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5573, 0.3406, 0.3399**, and **15.2389, 0.3588, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **30.6295, 0.3707, 0.3510**, and if you desaturate by 10%, it is **40.2970, 0.3283, 0.3357**.

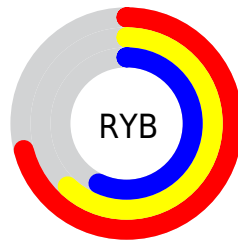
Distribution



Red (71%)

Green (61%)

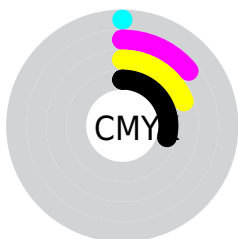
Blue (57%)



Red (71%)

Yellow (62%)

Blue (57%)

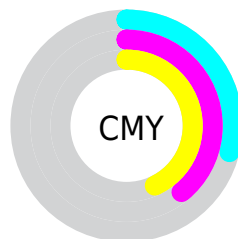


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (39%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1903, 0.3477, 0.3432 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 35.1903, 0.3477, 0.3432 by changing the saturation by 10% instead.

 35.1903, 0.3477,
0.3432


 35.1903, 0.3477,
0.3432


325.4075, 0.3293,
0.3360

 23.8095, 0.3526,
0.3450


 67.7805, 0.3408,
0.3406

 15.1924, 0.3592,
0.3474


 89.7586, 0.3382,
0.3396

 8.9545, 0.3682,
0.3505


116.0380, 0.3361,
0.3387

 4.7115, 0.3816,
0.3549

147.0031, 0.3343,
0.3380

 2.0790, 0.4034,
0.3612

183.0381, 0.3328,
0.3374

 0.6528, 0.5151,
0.4173


224.5276, 0.3315,


 0.0000, 0.0000,


0.3369


0.0000


271.8560, 0.3303,
0.3364

 35.1903, 0.3477,
0.3432


 35.1903, 0.3477,
0.3432


 30.6295, 0.3707,
0.3510


 40.2970, 0.3283,
0.3357


 26.5915, 0.3977,
0.3588

 45.9623, 0.3119,
0.3286

 23.0587, 0.4288,
0.3661

 52.2042, 0.2981,
0.3221

 20.0103, 0.4635,
0.3720

 59.0388, 0.2865,
0.3161

 17.4244, 0.5006,
0.3755

 66.4812, 0.2767,
0.3107

■ 15.2770, 0.5375,
0.3754

■ 74.5462, 0.2683,
0.3057

■ 13.5417, 0.5707,
0.3709

■ 82.1758, 0.2689,
0.3179

■ 12.1836, 0.5977,
0.3629

■ 88.4422, 0.2701,
0.3289

■ 12.1185, 0.5991,
0.3625

Harmonies

Analogous

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



35.1903, 0.3418, 0.3282



35.1903, 0.3477, 0.3432



35.1903, 0.3439, 0.3550

Triad

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



35.1903, 0.3477, 0.3432



35.1903, 0.2973, 0.3448



35.1903, 0.2935, 0.2993

Complementary

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



35.1903, 0.3477, 0.3432



38.0488, 0.2832, 0.3143

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.



35.1903, 0.2822, 0.3027



35.1903, 0.3477, 0.3432



35.1903, 0.2844, 0.3288

Square

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



35.1903, 0.3477, 0.3432



35.1903, 0.3146, 0.3565



35.1903, 0.2790, 0.3133



35.1903, 0.3101, 0.3034

Rectangle

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



35.1903, 0.3477, 0.3432



35.1903, 0.3365, 0.3594



35.1903, 0.2790, 0.3133



35.1903, 0.2890, 0.2995

Sweetspot

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



35.1919, 0.3477, 0.3432



76.3998, 0.3225, 0.3333



32.8526, 0.3245, 0.2945



16.3741, 0.3235, 0.3337



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.



35.1919, 0.3477, 0.3432



60.4393, 0.3563, 0.3463



41.4056, 0.3433, 0.3668



8.8886, 0.3280, 0.3356



8.5605, 0.5970, 0.3642



0.3716, 0.5413, 0.4084

Inverse Universe

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



38.0488, 0.2832, 0.3143



66.4943, 0.2773, 0.3110



31.9542, 0.2817, 0.2882



9.2120, 0.2986, 0.3223



13.2750, 0.1985, 0.2345



0.5114, 0.2067, 0.2639

Previews

White Background



This preview shows how the Yxy color 35.1903, 0.3477, 0.3432 looks on a white background.

Color Contrast Check

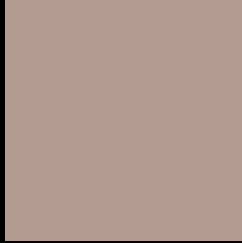
Large Text (above 18pt) WCAG AA × Fail

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 35.1903, 0.3477, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

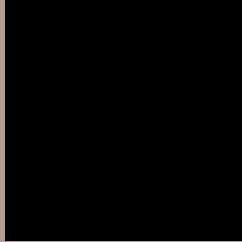
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1903, 0.3477, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 35.1903, 0.3477, 0.3432.



This preview shows how white text looks on a background with the Yxy color 35.1903, 0.3477, 0.3432.

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

35.1903, 0.3477, 0.3432

Protanopia

35.3552, 0.3304, 0.3481

Deuteranopia

35.3108, 0.3487, 0.3431



Tritanopia

35.0819, 0.3316, 0.3126

Trichromacy



Original Color

35.1903, 0.3477, 0.3432

Protanomaly

35.1870, 0.3368, 0.3464

Deuteranomaly

35.3108, 0.3487, 0.3431

Tritanomaly

35.0405, 0.3373, 0.3235

Monochromacy



Original Color

35.1903, 0.3477, 0.3432

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4877, 0.3251, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1903, 0.3477, 0.3432 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, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 145)  
}
```

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, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.1903, 0.3477, 0.3432 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, 155, 145) }
```

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

```
.border{ border-color:rgb(180, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 155, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 155, 145); box-shadow:4px 4px 4px 4px rgb(180, 155, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1903, 0.3477, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 145) }
```

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

```
.background{ background-color: rgb(180,  
155, 145) }
```

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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