

Converting Colors

$Yxy(35.3238, 0.3744, 0.3739)$

Have a look what the booklet for
Yxy(35.3238, 0.3744, 0.3739)
contains.

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Color

Yxy(35.1870, 0.3749, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	B99B7B
RGB	185, 155, 123
RGB Percent	73%, 61%, 48%
CMY	0.2746, 0.3921, 0.5176
CMYK	0.00, 0.16, 0.34, 0.27
HSL	31°, 31%, 60%
HSV	31°, 34%, 73%
XYZ	35.3000, 35.1870, 23.6714
YIQ	160.3220, 28.1520, -3.5920

Conversions

Conversions Part 2

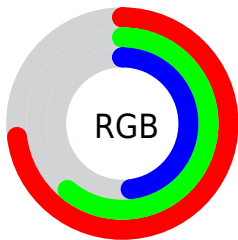
Format	Color
R_{YB}	181, 185, 123
Decimal	12163963
CIE _{Lab}	65.89, 6.41, 20.94
CIE _{LCh}	66, 21.897, 72.973
Yxy	35.1870, 0.3749, 0.3737
Android (android.graphics.Color)	4290354043 (0xFFB99B7B)
YUV	160.3220, -18.3997, 21.6426
Hunter-Lab	59.3186, 2.4162, 17.8630

Details

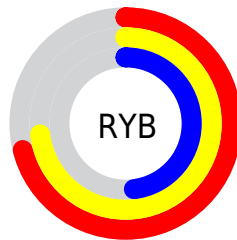
The Yxy color **35.1870, 0.3749, 0.3737** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.4852, 0.2595, 0.2795**, and the grayscale version is **35.3870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6128, 0.3627, 0.3646**, and **15.2203, 0.3949, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **31.9004, 0.3984, 0.3873**, and if you desaturate by 10%, it is **38.7849, 0.3537, 0.3599**.

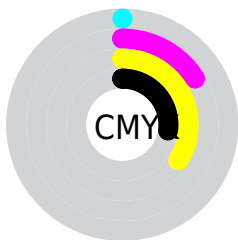
Distribution



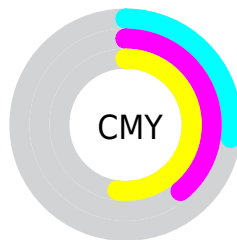
- Red (73%)
- Green (61%)
- Blue (48%)



- Red (71%)
- Yellow (73%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (27%)





- Cyan (27%)
- Magenta (39%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1870, 0.3749, 0.3737 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 35.1870, 0.3749, 0.3737 by changing the saturation by 10% instead.


 35.1870, 0.3749,
0.3737


 35.1870, 0.3749,
0.3737


325.3930, 0.3423,
0.3510

 23.8070, 0.3835,
0.3794


 67.7754, 0.3627,
0.3654

 15.1905, 0.3947,
0.3867


 89.7525, 0.3583,
0.3623

 8.9532, 0.4099,
0.3962


 116.0307, 0.3545,
0.3597

 4.7107, 0.4316,
0.4090

146.9945, 0.3513,
0.3574

 2.0785, 0.4723,
0.4334

183.0282, 0.3486,
0.3555

 0.6525, 0.5435,
0.4565

224.5163, 0.3462,

 0.0000, 0.0000,

0.3538

0.0000

271.8431, 0.3441,
0.3523

■ 35.1870, 0.3749,
0.3737

■ 35.1870, 0.3749,
0.3737

■ 31.9004, 0.3984,
0.3873

■ 38.7849, 0.3537,
0.3599

■ 28.9106, 0.4237,
0.3997

■ 42.6984, 0.3347,
0.3463

■ 26.2087, 0.4502,
0.4101

■ 46.9378, 0.3181,
0.3334

■ 23.7838, 0.4766,
0.4170

■ 51.5114, 0.3034,
0.3212

■ 21.6234, 0.5015,
0.4195

■ 56.4273, 0.2907,
0.3099

■ 19.7137, 0.5232,
0.4166

■ 61.6929, 0.2795,
0.2995

■ 18.5934, 0.5359,
0.4127

■ 67.3158, 0.2698,
0.2900

■ 72.2303, 0.2694,
0.2976

■ 77.2380, 0.2705,
0.3076

Harmonies

Analogous

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



35.1870, 0.3791, 0.3491



35.1870, 0.3749, 0.3737



35.1870, 0.3536, 0.3880

Triad

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



35.1870, 0.3749, 0.3737



35.1870, 0.2632, 0.3339



35.1870, 0.3007, 0.2794

Complementary

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



35.1870, 0.3749, 0.3737



30.4852, 0.2595, 0.2795

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.



35.1870, 0.2713, 0.2739



35.1870, 0.3749, 0.3737



35.1870, 0.2506, 0.3031

Square

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



35.1870, 0.3749, 0.3737



35.1870, 0.2889, 0.3652



35.1870, 0.2535, 0.2818



35.1870, 0.3349, 0.2964

Rectangle

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



35.1870, 0.3749, 0.3737



35.1870, 0.3331, 0.3885



35.1870, 0.2535, 0.2818



35.1870, 0.2899, 0.2761

Sweetspot

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



35.1886, 0.3749, 0.3737



78.9643, 0.3289, 0.3419



26.8113, 0.3512, 0.2860



16.7991, 0.3313, 0.3437



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.1886, 0.3749, 0.3737



58.7722, 0.3915, 0.3835



46.4295, 0.3625, 0.4113



9.7588, 0.3275, 0.3408



12.8106, 0.5340, 0.4142



0.5749, 0.4969, 0.4437

Inverse Universe

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



30.4852, 0.2595, 0.2795



49.0906, 0.2479, 0.2668



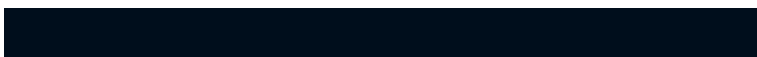
21.8803, 0.2534, 0.2310



9.4168, 0.2985, 0.3169



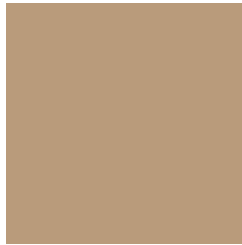
7.4456, 0.1763, 0.1545



0.3865, 0.1897, 0.2029

Previews

White Background



This preview shows how the Yxy color 35.1870, 0.3749, 0.3737 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 35.1870, 0.3749, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

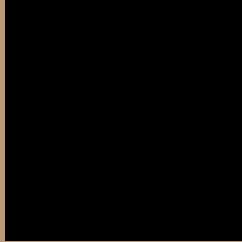
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1870, 0.3749, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 35.1870, 0.3749, 0.3737.



This preview shows how white text looks on a background with the Yxy color 35.1870, 0.3749, 0.3737.

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

35.1870, 0.3749, 0.3737

Protanopia

35.2802, 0.3563, 0.3801

Deuteranopia

35.2326, 0.3786, 0.3718



Tritanopia

35.2047, 0.3421, 0.3143

Trichromacy



Original Color

35.1870, 0.3749, 0.3737

Protanomaly

35.1391, 0.3632, 0.3779

Deuteranomaly

35.1061, 0.3775, 0.3720

Tritanomaly

35.2544, 0.3548, 0.3360

Monochromacy



Original Color

35.1870, 0.3749, 0.3737

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9953, 0.3338, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1870, 0.3749, 0.3737 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(185, 155, 123)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 123)  
}
```

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(185, 155, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 123) }
```

Border

The CSS property to change the border of an element to Yxy 35.1870, 0.3749, 0.3737 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(185, 155, 123) }
```

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

```
.border{ border-color:rgb(185, 155, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 155, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 155, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 155, 123); box-shadow:4px 4px 4px 4px rgb(185, 155, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1870, 0.3749, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 123) }
```

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

```
.background{ background-color: rgb(185,  
155, 123) }
```

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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