

# Converting Colors

$Yxy(34.6144, 0.3739, 0.3561)$

Have a look what the booklet for  
Yxy(34.6144, 0.3739, 0.3561)  
contains.

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# Color

**Yxy(34.7191, 0.3738, 0.3566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9783
RGB	190, 151, 131
RGB Percent	75%, 59%, 51%
CMY	0.2550, 0.4078, 0.4864
CMYK	0.00, 0.21, 0.31, 0.25
HSL	20°, 31%, 63%
HSV	20°, 31%, 75%
XYZ	36.3937, 34.7191, 26.2487
YIQ	160.3810, 29.6640, 2.0480

# Conversions

## Conversions Part 2

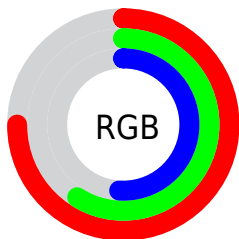
Format	Color
<a href="#">RYB</a>	<a href="#">190, 161, 131</a>
Decimal	<a href="#">12490627</a>
CIELab	<a href="#">65.53, 11.66, 16.09</a>
CIElCh	<a href="#">66, 19.872, 54.082</a>
Yxy	<a href="#">34.7191, 0.3738, 0.3566</a>
Android (android.graphics.Color)	<a href="#">4290680707 (0xFFBE9783)</a>
YUV	<a href="#">160.3810, -14.4848, 25.9759</a>
Hunter-Lab	<a href="#">58.9229, 7.1354, 14.8339</a>

# Details

The Yxy color **34.7191, 0.3738, 0.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2697, 0.2653, 0.2995**, and the grayscale version is **35.3964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8975, 0.3616, 0.3514**, and **14.8744, 0.3924, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **30.4255, 0.4005, 0.3658**, and if you desaturate by 10%, it is **39.5402, 0.3508, 0.3473**.

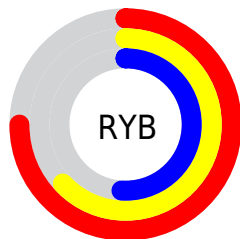
# Distribution



Red (75%)

Green (59%)

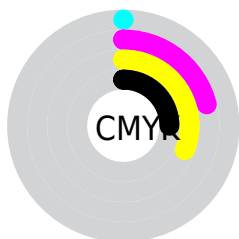
Blue (51%)



Red (75%)

Yellow (63%)

Blue (51%)

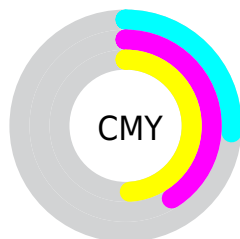


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (25%)



Cyan (26%)

Magenta (41%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7191, 0.3738, 0.3566 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 34.7191, 0.3738, 0.3566 by changing the saturation by 10% instead.





 34.7191, 0.3738,  
0.3566

 34.7191, 0.3738,  
0.3566


323.3267, 0.3415,  
0.3429


 23.4466, 0.3824,  
0.3599


 67.0504, 0.3617,  
0.3516

 14.9236, 0.3938,  
0.3642


 88.8779, 0.3572,  
0.3498

 8.7658, 0.4095,  
0.3696


 114.9926, 0.3535,  
0.3482

 4.5887, 0.4325,  
0.3765

145.7788, 0.3504,  
0.3468

 2.0080, 0.4700,  
0.3863

181.6209, 0.3477,  
0.3456

 0.6121, 0.5861,  
0.4139


222.9033, 0.3454,


 0.0000, 0.0000,

0.3446

0.0000


270.0105, 0.3433,  
0.3437


 34.7191, 0.3738,  
0.3566

 34.7191, 0.3738,  
0.3566


 30.4255, 0.4005,  
0.3658


 39.5402, 0.3508,  
0.3473


 26.6361, 0.4307,  
0.3743

 44.9016, 0.3311,  
0.3383


 23.3327, 0.4641,  
0.3811


 50.8215, 0.3143,  
0.3299


 20.4941, 0.4990,  
0.3851


 57.3160, 0.3001,  
0.3220

 18.0974, 0.5332,  
0.3851


 64.4003, 0.2881,  
0.3148


 16.1172, 0.5637,  
0.3802

 72.0892, 0.2778,  
0.3082

 14.6693, 0.5865,  
0.3725

 79.8058, 0.2736,  
0.3115

 87.4030, 0.2748,  
0.3251

 89.6846, 0.2752,  
0.3289

# Harmonies

## Analogous

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



34.7191, 0.3665, 0.3315



34.7191, 0.3738, 0.3566



34.7191, 0.3638, 0.3762

# Triad

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



34.7191, 0.3738, 0.3566



34.7191, 0.2812, 0.3520



34.7191, 0.2839, 0.2789

# Complementary

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



34.7191, 0.3738, 0.3566



37.2697, 0.2653, 0.2995

# 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.



34.7191, 0.2631, 0.2817



34.7191, 0.3738, 0.3566



34.7191, 0.2616, 0.3227

# Square

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



34.7191, 0.3738, 0.3566



34.7191, 0.3098, 0.3752



34.7191, 0.2552, 0.2971



34.7191, 0.3133, 0.2882



# Rectangle

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



34.7191, 0.3738, 0.3566



34.7191, 0.3492, 0.3830



34.7191, 0.2552, 0.2971



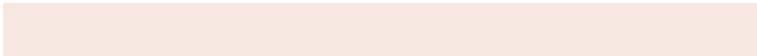
34.7191, 0.2757, 0.2785

# Sweetspot

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



34.7207, 0.3738, 0.3566



83.3575, 0.3276, 0.3367



30.0861, 0.3367, 0.2766



17.9699, 0.3303, 0.3380



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



34.7207, 0.3738, 0.3566



57.7338, 0.3908, 0.3627



45.2846, 0.3625, 0.3939



10.0517, 0.3280, 0.3368



9.8884, 0.5841, 0.3744



0.5107, 0.5370, 0.4118



# Inverse Universe

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



37.2697, 0.2653, 0.2995



63.0398, 0.2556, 0.2922



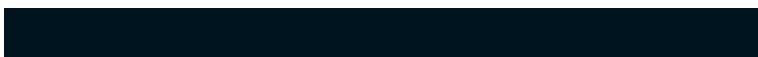
27.5354, 0.2601, 0.2544



10.2490, 0.2985, 0.3210



12.4564, 0.1932, 0.2154



0.6046, 0.2016, 0.2458



# Previews

## White Background



This preview shows how the Yxy color 34.7191, 0.3738, 0.3566 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

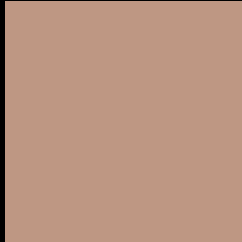
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 34.7191, 0.3738, 0.3566 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

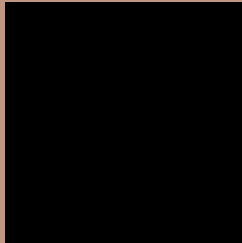
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 34.7191, 0.3738, 0.3566**

## Background



This preview shows how black text looks on a background with the Yxy color 34.7191, 0.3738, 0.3566.



This preview shows how white text looks on a background with the Yxy color 34.7191, 0.3738, 0.3566.

# 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

34.7191, 0.3738, 0.3566

### Protanopia

34.8704, 0.3440, 0.3643

### Deuteranopia

34.7354, 0.3677, 0.3598



## Tritanopia

34.6735, 0.3500, 0.3144

# Trichromacy



**Original Color**

34.7191, 0.3738, 0.3566

**Protanomaly**

34.7283, 0.3541, 0.3607

**Deuteranomaly**

34.6600, 0.3702, 0.3582

**Tritanomaly**

34.5244, 0.3592, 0.3291

# Monochromacy



**Original Color**

34.7191, 0.3738, 0.3566

**Achromatopsia**

35.1533, 0.3127, 0.3290

**Achromatomaly**

34.9418, 0.3341, 0.3406

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.7191, 0.3738, 0.3566 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(190, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(190, 151, 131)  
}
```

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(190, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 131) }
```

## Border

The CSS property to change the border of an element to Yxy 34.7191, 0.3738, 0.3566 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(190, 151, 131) }
```

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

```
.border{ border-color:rgb(190, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 131);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
131) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.7191, 0.3738, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 131) }
```

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

```
.background{ background-color: rgb(190,  
151, 131) }
```

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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