

# Converting Colors

$Yxy(37.7965, 0.3621, 0.3377)$

Have a look what the booklet for  
Yxy(37.7965, 0.3621, 0.3377)  
contains.

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# Color

**Yxy(37.9526, 0.3620, 0.3383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C69C95
RGB	198, 156, 149
RGB Percent	78%, 61%, 58%
CMY	0.2233, 0.3883, 0.4157
CMYK	0.00, 0.21, 0.25, 0.22
HSL	9°, 30%, 68%
HSV	9°, 25%, 78%
XYZ	40.6114, 37.9526, 33.6222
YIQ	167.7600, 27.2790, 6.7270

# Conversions

## Conversions Part 2

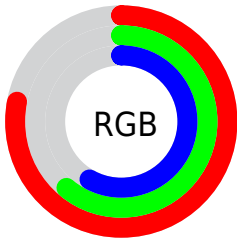
Format	Color
R <sub>Y</sub> B	198, 157, 149
Decimal	13016213
CIE Lab	67.99, 14.59, 9.62
CIE LCh	68, 17.474, 33.408
Yxy	37.9526, 0.3620, 0.3383
Android (android.graphics.Color)	4291206293 (0xFFC69C95)
YUV	167.7600, -9.2487, 26.5205
Hunter-Lab	61.6057, 9.8600, 10.7656

# Details

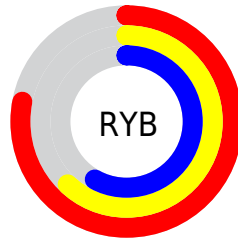
The Yxy color **37.9526, 0.3620, 0.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7617, 0.2759, 0.3195**, and the grayscale version is **39.0728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1603, 0.3520, 0.3373**, and **16.8246, 0.3775, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **32.0673, 0.3897, 0.3423**, and if you desaturate by 10%, it is **44.7462, 0.3391, 0.3344**.

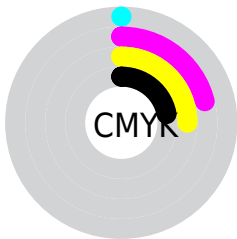
# Distribution



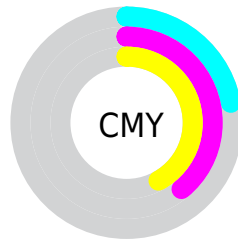
- Red (78%)
- Green (61%)
- Blue (58%)



- Red (78%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (22%)




- Cyan (22%)
- Magenta (39%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9526, 0.3620, 0.3383 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 37.9526, 0.3620, 0.3383 by changing the saturation by 10% instead.





 37.9526, 0.3620,  
0.3383


 37.9526, 0.3620,  
0.3383


337.4166, 0.3363,  
0.3340

 25.9459, 0.3688,  
0.3393


 72.0355, 0.3524,  
0.3368

 16.7832, 0.3777,  
0.3404


 94.8805, 0.3489,  
0.3362

 10.0800, 0.3899,  
0.3418


122.1070, 0.3459,  
0.3357

 5.4520, 0.4077,  
0.3434

154.0994, 0.3434,  
0.3353

 2.5149, 0.4358,  
0.3449

191.2422, 0.3413,  
0.3349

 0.8841, 0.5154,  
0.3649

233.9198, 0.3394,

 0.0000, 1.0000,

0.3345

0.0000

282.5164, 0.3378,  
0.3342

0.0000, 0.0000,  
0.0000

37.9526, 0.3620,  
0.3383

37.9526, 0.3620,  
0.3383

32.0673, 0.3897,  
0.3423

44.7462, 0.3391,  
0.3344

27.0467, 0.4228,  
0.3461

52.4790, 0.3204,  
0.3307

22.8515, 0.4613,  
0.3492

61.1867, 0.3051,  
0.3272

19.4372, 0.5037,  
0.3510

70.9017, 0.2924,  
0.3241

16.7551, 0.5472,  
0.3508

81.6549, 0.2820,  
0.3213

■ 14.7510, 0.5865,  
0.3480

■ 90.7520, 0.2795,  
0.3289

■ 13.3627, 0.6160,  
0.3427

■ 12.8509, 0.6275,  
0.3400

# Harmonies

## Analogous

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



37.9526, 0.3464, 0.3164



37.9526, 0.3620, 0.3383



37.9526, 0.3637, 0.3589

# Triad

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



37.9526, 0.3620, 0.3383



37.9526, 0.3023, 0.3631



37.9526, 0.2747, 0.2865

# Complementary

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



37.9526, 0.3620, 0.3383



47.7617, 0.2759, 0.3195

# 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.



37.9526, 0.2641, 0.2967



37.9526, 0.3620, 0.3383



37.9526, 0.2795, 0.3411

# Square

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



37.9526, 0.3620, 0.3383



37.9526, 0.3285, 0.3747



37.9526, 0.2658, 0.3164



37.9526, 0.2954, 0.2873



# Rectangle

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



37.9526, 0.3620, 0.3383



37.9526, 0.3568, 0.3692



37.9526, 0.2658, 0.3164



37.9526, 0.2699, 0.2887

# Sweetspot

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



37.9544, 0.3620, 0.3383



89.5207, 0.3245, 0.3315



37.2938, 0.3216, 0.2757



18.9764, 0.3256, 0.3317



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

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



37.9544, 0.3620, 0.3383



61.0550, 0.3771, 0.3406



46.8513, 0.3548, 0.3689



10.8763, 0.3286, 0.3324



8.4292, 0.6258, 0.3413



0.4800, 0.5922, 0.3680



# Inverse Universe

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



47.7617, 0.2759, 0.3195



81.5156, 0.2680, 0.3170



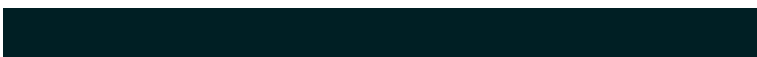
38.1033, 0.2729, 0.2856



11.8003, 0.2984, 0.3256



21.4022, 0.2121, 0.2837

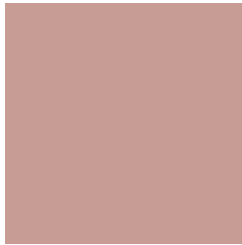


1.0858, 0.2150, 0.2940



# Previews

## White Background



This preview shows how the Yxy color 37.9526, 0.3620, 0.3383 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 37.9526, 0.3620, 0.3383 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 37.9526, 0.3620, 0.3383**

## Background



This preview shows how black text looks on a background with the Yxy color 37.9526, 0.3620, 0.3383.



This preview shows how white text looks on a background with the Yxy color 37.9526, 0.3620, 0.3383.

# 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

37.9526, 0.3620, 0.3383

### Protanopia

38.0140, 0.3291, 0.3446

### Deuteranopia

37.9711, 0.3516, 0.3454



## Tritanopia

38.1072, 0.3485, 0.3149

# Trichromacy



## Original Color

37.9526, 0.3620, 0.3383

## Protanomaly

37.9314, 0.3403, 0.3429

## Deuteranomaly

38.1409, 0.3559, 0.3439

## Tritanomaly

38.0880, 0.3532, 0.3239

# Monochromacy



## Original Color

37.9526, 0.3620, 0.3383

## Achromatopsia

39.1572, 0.3127, 0.3290

## Achromatomaly

38.7078, 0.3297, 0.3332

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.9526, 0.3620, 0.3383 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(198, 156, 149)` looks like.

```
.text, #text, p{  
    color:rgb(198, 156, 149)  
}
```

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(198, 156, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 156, 149) }
```

## Border

The CSS property to change the border of an element to Yxy 37.9526, 0.3620, 0.3383 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(198, 156, 149) }
```

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

```
.border{ border-color:rgb(198, 156, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 156, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 156, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 156, 149);  
box-shadow:4px 4px 4px 4px rgb(198, 156,  
149) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.9526, 0.3620, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 156, 149) }
```

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

```
.background{ background-color: rgb(198,  
156, 149) }
```

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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