

# Converting Colors

$Yxy(37.2119, 0.4209, 0.3655)$

Have a look what the booklet for  
Yxy(37.2119, 0.4209, 0.3655)  
contains.

<b>Yxy(37.2119, 0.4209, 0.3655)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(37.2119, 0.4209, 0.3655)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB9375
RGB	219, 147, 117
RGB Percent	86%, 58%, 46%
CMY	0.1413, 0.4235, 0.5413
CMYK	0.00, 0.33, 0.47, 0.14
HSL	18°, 59%, 66%
HSV	18°, 47%, 86%
XYZ	42.8522, 37.2119, 21.7468
YIQ	165.1080, 52.5420, 5.9340

# Conversions

## Conversions Part 2

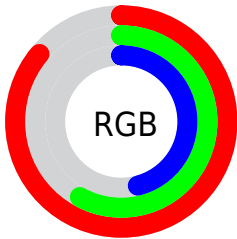
Format	Color
R <sub>Y</sub> B	219, 160, 117
Decimal	14390133
CIE Lab	67.44, 23.76, 26.95
CIE LCh	67, 35.926, 48.597
Yxy	37.2119, 0.4209, 0.3655
Android (android.graphics.Color)	4292580213 (0xFFDB9375)
YUV	165.1080, -23.7172, 47.2633
Hunter-Lab	61.0016, 18.6395, 21.5644

# Details

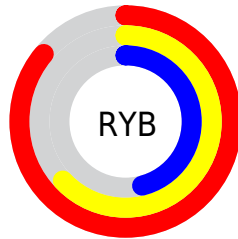
The Yxy color **37.2119, 0.4209, 0.3655** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.2628, 0.2435, 0.2878**, and the grayscale version is **37.7788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8979, 0.3811, 0.3625**, and **16.3602, 0.4543, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **32.2704, 0.4551, 0.3721**, and if you desaturate by 10%, it is **42.9228, 0.3906, 0.3578**.

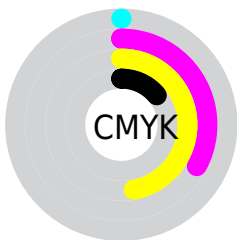
# Distribution



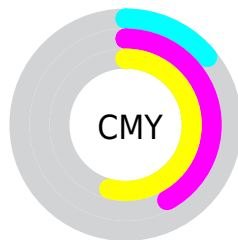
- Red (86%)
- Green (58%)
- Blue (46%)



- Red (86%)
- Yellow (63%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (14%)




- Cyan (14%)
- Magenta (42%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2119, 0.4209, 0.3655 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 37.2119, 0.4209, 0.3655 by changing the saturation by 10% instead.





 37.2119, 0.4209,  
0.3655


 37.2119, 0.4209,  
0.3655


334.2270, 0.3645,  
0.3491


 25.3716, 0.4355,  
0.3687


 70.8986, 0.4000,  
0.3601

 16.3541, 0.4543,  
0.3722


 93.5137, 0.3923,  
0.3579

 9.7751, 0.4794,  
0.3757


 120.4893, 0.3858,  
0.3560

 5.2501, 0.5141,  
0.3779

152.2097, 0.3802,  
0.3543

 2.3947, 0.5793,  
0.3856

189.0592, 0.3755,  
0.3528

 0.8232, 0.6421,  
0.3579


231.4224, 0.3713,


 0.0000, 1.0000,


0.3514


0.0000


279.6835, 0.3677,  
0.3502

 0.0000, 0.0000,  
0.0000


 37.2119, 0.4209,  
0.3655


 37.2119, 0.4209,  
0.3655

 32.2704, 0.4551,  
0.3721


 42.9228, 0.3906,  
0.3578


 28.0588, 0.4919,  
0.3764

 49.4294, 0.3644,  
0.3496


 24.5420, 0.5292,  
0.3772


 56.7634, 0.3422,  
0.3415

 21.6795, 0.5635,  
0.3736

 64.9533, 0.3234,  
0.3338

 19.4253, 0.5911,  
0.3654

 74.0260, 0.3076,  
0.3266

 18.7790, 0.5994,  
0.3623

 84.0071, 0.2944,  
0.3200

 93.7967, 0.2911,  
0.3289

# Harmonies

## Analogous

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



37.2119, 0.4028, 0.3230



37.2119, 0.4209, 0.3655



37.2119, 0.4069, 0.4037

# Triad

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



37.2119, 0.4209, 0.3655



37.2119, 0.2650, 0.3798



37.2119, 0.2545, 0.2437

# Complementary

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



37.2119, 0.4209, 0.3655



45.2628, 0.2435, 0.2878

# 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.



37.2119, 0.2241, 0.2503



37.2119, 0.4209, 0.3655



37.2119, 0.2293, 0.3251

# Square

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



37.2119, 0.4209, 0.3655



37.2119, 0.3154, 0.4191



37.2119, 0.2153, 0.2780



37.2119, 0.3025, 0.2562



# Rectangle

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



37.2119, 0.4209, 0.3655



37.2119, 0.3828, 0.4213



37.2119, 0.2153, 0.2780



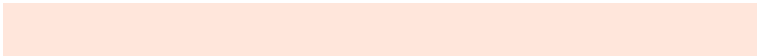
37.2119, 0.2421, 0.2436

# Sweetspot

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



37.2137, 0.4209, 0.3655



82.8803, 0.3372, 0.3396



31.4956, 0.3483, 0.2445



17.2219, 0.3416, 0.3413



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.



37.2137, 0.4209, 0.3655



45.6299, 0.4547, 0.3720



56.2180, 0.3922, 0.4211



13.6733, 0.3284, 0.3359



11.3034, 0.5967, 0.3644



0.8798, 0.5644, 0.3901



# Inverse Universe

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



45.2628, 0.2435, 0.2878



58.2386, 0.2311, 0.2772



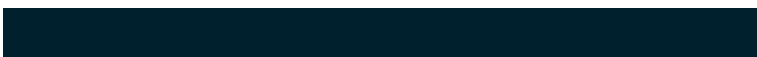
27.3819, 0.2303, 0.2148



14.1481, 0.2982, 0.3220



17.0336, 0.1974, 0.2306



1.2502, 0.2024, 0.2485



# Previews

## White Background



This preview shows how the Yxy color 37.2119, 0.4209, 0.3655 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 37.2119, 0.4209, 0.3655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

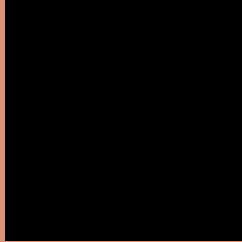
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 37.2119, 0.4209, 0.3655**

## Background



This preview shows how black text looks on a background with the Yxy color 37.2119, 0.4209, 0.3655.



This preview shows how white text looks on a background with the Yxy color 37.2119, 0.4209, 0.3655.

# 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

37.2119, 0.4209, 0.3655

### Protanopia

37.2617, 0.3600, 0.3845

### Deuteranopia

37.4273, 0.3928, 0.3860



## Tritanopia

37.1755, 0.3872, 0.3160

# Trichromacy



**Original Color**

37.2119, 0.4209, 0.3655

**Protanomaly**

37.0653, 0.3819, 0.3777

**Deuteranomaly**

37.2095, 0.4024, 0.3780

**Tritanomaly**

37.2121, 0.3997, 0.3341

# Monochromacy



**Original Color**

37.2119, 0.4209, 0.3655

**Achromatopsia**

37.6262, 0.3127, 0.3290

**Achromatomaly**

36.9061, 0.3491, 0.3428

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.2119, 0.4209, 0.3655 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(219, 147, 117)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 117)  
}
```

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(219, 147, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 117) }
```

## Border

The CSS property to change the border of an element to Yxy 37.2119, 0.4209, 0.3655 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(219, 147, 117) }
```

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

```
.border{ border-color:rgb(219, 147, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 117);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
117) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.2119, 0.4209, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 117) }
```

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

```
.background{ background-color: rgb(219,  
147, 117) }
```

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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