

Converting Colors

$Yxy(37.5606, 0.3730, 0.3218)$

Have a look what the booklet for
Yxy(37.5606, 0.3730, 0.3218)
contains.

Yxy(37.5100, 0.3737, 0.3217)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.5100, 0.3737, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	D4949A
RGB	212, 148, 154
RGB Percent	83%, 58%, 60%
CMY	0.1686, 0.4196, 0.3961
CMYK	0.00, 0.30, 0.27, 0.17
HSL	354°, 43%, 71%
HSV	354°, 30%, 83%
XYZ	43.5732, 37.5100, 35.5162
YIQ	167.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

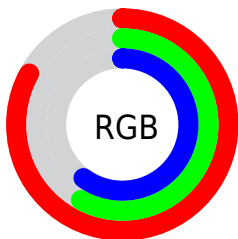
Format	Color
R _Y B	212, 148, 154
Decimal	13931674
CIE Lab	67.66, 24.94, 6.56
CIE LCh	68, 25.790, 14.745
Yxy	37.5100, 0.3737, 0.3217
Android (android.graphics.Color)	4292121754 (0xFFD4949A)
YUV	167.8200, -6.8133, 38.7459
Hunter-Lab	61.2454, 19.8147, 8.4896

Details

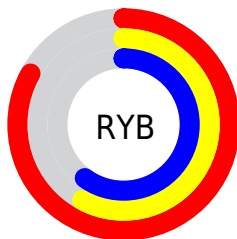
The Yxy color **37.5100, 0.3737, 0.3217** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.8377, 0.2729, 0.3366**, and the grayscale version is **39.0868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0551, 0.3500, 0.3230**, and **16.5966, 0.3930, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **30.8689, 0.4041, 0.3193**, and if you desaturate by 10%, it is **45.4750, 0.3489, 0.3242**.

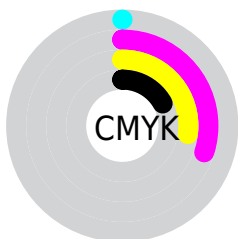
Distribution



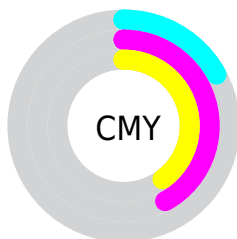
- Red (83%)
- Green (58%)
- Blue (60%)



- Red (83%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5100, 0.3737, 0.3217 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 37.5100, 0.3737, 0.3217 by changing the saturation by 10% instead.


 37.5100, 0.3737,
0.3217


 37.5100, 0.3737,
0.3217


335.5133, 0.3419,
0.3260

 25.6026, 0.3821,
0.3204


 71.3565, 0.3618,
0.3234

 16.5266, 0.3931,
0.3186


 94.0643, 0.3574,
0.3240

 9.8975, 0.4083,
0.3159


121.1412, 0.3538,
0.3245

 5.3311, 0.4303,
0.3116

152.9713, 0.3507,
0.3249

 2.4428, 0.4651,
0.3040

189.9392, 0.3480,
0.3253

 0.8478, 0.5423,
0.2958

232.4293, 0.3457,


 0.0000, 1.0000,


0.3255


0.0000

280.8258, 0.3437,
0.3258


 0.0000, 0.0000,
0.0000


 37.5100, 0.3737,
0.3217


 37.5100, 0.3737,
0.3217

 30.8689, 0.4041,
0.3193


 45.4750, 0.3489,
0.3242


 25.4751, 0.4407,
0.3172


 54.8246, 0.3290,
0.3267


 21.2519, 0.4828,
0.3159

 65.6222, 0.3130,
0.3290

 18.1126, 0.5281,
0.3159

 77.9257, 0.3001,
0.3311

 15.9579, 0.5719,
0.3175

 91.7899, 0.2897,
0.3330

■ 14.6704, 0.6077,
0.3209

■ 92.7364, 0.2872,
0.3289

■ 14.0464, 0.6306,
0.3248

Harmonies

Analogous

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



37.5100, 0.3404, 0.2932



37.5100, 0.3737, 0.3217



37.5100, 0.3897, 0.3533

Triad

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



37.5100, 0.3737, 0.3217



37.5100, 0.3207, 0.3939



37.5100, 0.2458, 0.2738

Complementary

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



37.5100, 0.3737, 0.3217



57.8377, 0.2729, 0.3366

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.



37.5100, 0.2414, 0.2970



37.5100, 0.3737, 0.3217



37.5100, 0.2831, 0.3691

Square

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



37.5100, 0.3737, 0.3217



37.5100, 0.3576, 0.3975



37.5100, 0.2546, 0.3321



37.5100, 0.2668, 0.2659

Rectangle

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



37.5100, 0.3737, 0.3217



37.5100, 0.3879, 0.3729



37.5100, 0.2546, 0.3321



37.5100, 0.2424, 0.2799

Sweetspot

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



37.5118, 0.3737, 0.3217



84.9534, 0.3271, 0.3269



38.9996, 0.3103, 0.2531



17.7000, 0.3297, 0.3266



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.



37.5118, 0.3737, 0.3217



50.4964, 0.3918, 0.3202



46.2536, 0.3708, 0.3607



12.4395, 0.3276, 0.3268



8.6785, 0.6287, 0.3237



0.5301, 0.5980, 0.3068

Inverse Universe

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



37.5118, 0.3737, 0.3217



50.4964, 0.3918, 0.3202



46.3366, 0.2657, 0.2949



12.4395, 0.3276, 0.3268



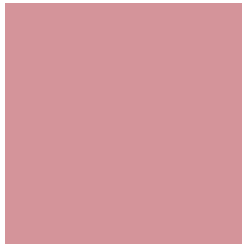
8.6785, 0.6287, 0.3237



0.5301, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 37.5100, 0.3737, 0.3217 looks on a white background.

Color Contrast Check

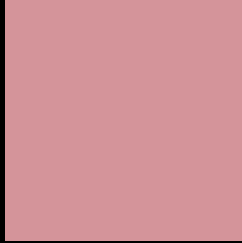
Large Text (above 18pt) WCAG AA × Fail

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 37.5100, 0.3737, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

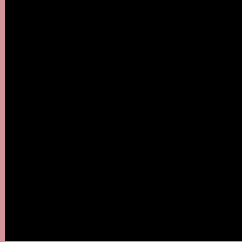
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5100, 0.3737, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 37.5100, 0.3737, 0.3217.



This preview shows how white text looks on a background with the Yxy color 37.5100, 0.3737, 0.3217.

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

37.5100, 0.3737, 0.3217

Protanopia

37.6303, 0.3183, 0.3304

Deuteranopia

37.5024, 0.3460, 0.3386



Tritanopia

37.3677, 0.3687, 0.3142

Trichromacy



Original Color

37.5100, 0.3737, 0.3217

Protanomaly

37.3061, 0.3375, 0.3264

Deuteranomaly

37.3447, 0.3552, 0.3318

Tritanomaly

37.2988, 0.3708, 0.3167

Monochromacy



Original Color

37.5100, 0.3737, 0.3217

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3244, 0.3332, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5100, 0.3737, 0.3217 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(212, 148, 154)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 154)  
}
```

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(212, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.5100, 0.3737, 0.3217 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(212, 148, 154) }
```

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

```
.border{ border-color:rgb(212, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5100, 0.3737, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 154) }
```

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

```
.background{ background-color: rgb(212,  
148, 154) }
```

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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