

Converting Colors

$Yxy(37.8572, 0.3691, 0.3219)$

Have a look what the booklet for
Yxy(37.8572, 0.3691, 0.3219)
contains.

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Color

Yxy(37.9146, 0.3689, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	D2969C
RGB	210, 150, 156
RGB Percent	82%, 59%, 61%
CMY	0.1764, 0.4118, 0.3881
CMYK	0.00, 0.29, 0.26, 0.18
HSL	354°, 40%, 71%
HSV	354°, 29%, 82%
XYZ	43.4910, 37.9146, 36.4881
YIQ	168.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

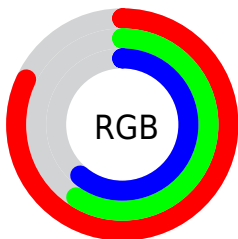
Format	Color
R_{YB}	210, 150, 156
Decimal	13801116
CIE _{Lab}	67.96, 23.41, 5.84
CIE _{LCh}	68, 24.122, 14.000
Yxy	37.9146, 0.3689, 0.3216
Android (android.graphics.Color)	4291991196 (0xFFD2969C)
YUV	168.6240, -6.2236, 36.2868
Hunter-Lab	61.5748, 18.3205, 7.9682

Details

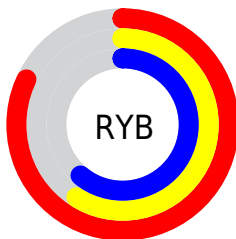
The Yxy color **37.9146, 0.3689, 0.3216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9456, 0.2751, 0.3367**, and the grayscale version is **39.5014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5758, 0.3479, 0.3240**, and **16.8136, 0.3860, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **31.2128, 0.3981, 0.3190**, and if you desaturate by 10%, it is **45.9206, 0.3452, 0.3243**.

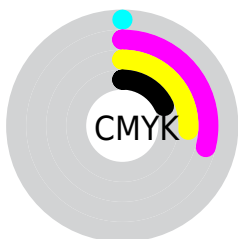
Distribution



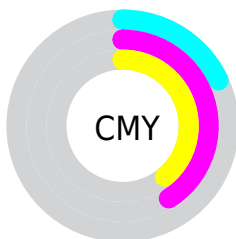
- Red (82%)
- Green (59%)
- Blue (61%)



- Red (82%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9146, 0.3689, 0.3216 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 37.9146, 0.3689, 0.3216 by changing the saturation by 10% instead.


 37.9146, 0.3689,
0.3216


 37.9146, 0.3689,
0.3216


337.2535, 0.3396,
0.3259

 25.9164, 0.3766,
0.3203


 71.9772, 0.3580,
0.3233

 16.7611, 0.3867,
0.3186


 94.8105, 0.3540,
0.3239

 10.0643, 0.4006,
0.3161


122.0241, 0.3506,
0.3244

 5.4416, 0.4207,
0.3121

154.0027, 0.3478,
0.3248

 2.5086, 0.4525,
0.3051

191.1305, 0.3453,
0.3251

 0.8810, 0.5190,
0.2959

233.7920, 0.3432,

 0.0000, 1.0000,

0.3254

0.0000


282.3715, 0.3413,
0.3256

 0.0000, 0.0000,
0.0000

 37.9146, 0.3689,
0.3216


 37.9146, 0.3689,
0.3216


 31.2128, 0.3981,
0.3190


 45.9206, 0.3452,
0.3243

 25.7412, 0.4333,
0.3166


 55.2893, 0.3261,
0.3269


 21.4265, 0.4743,
0.3150

 66.0819, 0.3107,
0.3293

 18.1852, 0.5191,
0.3147

 78.3543, 0.2984,
0.3316

 15.9231, 0.5634,
0.3161

 92.1572, 0.2884,
0.3336

■ 14.5290, 0.6011,
0.3194

■ 92.4445, 0.2860,
0.3289

■ 13.8342, 0.6268,
0.3238

■ 13.7590, 0.6296,
0.3242

Harmonies

Analogous

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



37.9146, 0.3377, 0.2949



37.9146, 0.3689, 0.3216



37.9146, 0.3843, 0.3513

Triad

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



37.9146, 0.3689, 0.3216



37.9146, 0.3212, 0.3896



37.9146, 0.2498, 0.2778

Complementary

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



37.9146, 0.3689, 0.3216



56.9456, 0.2751, 0.3367

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.



37.9146, 0.2461, 0.3001



37.9146, 0.3689, 0.3216



37.9146, 0.2860, 0.3670

Square

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



37.9146, 0.3689, 0.3216



37.9146, 0.3555, 0.3927



37.9146, 0.2589, 0.3329



37.9146, 0.2692, 0.2700

Rectangle

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



37.9146, 0.3689, 0.3216



37.9146, 0.3830, 0.3696



37.9146, 0.2589, 0.3329



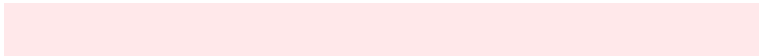
37.9146, 0.2467, 0.2837

Sweetspot

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



37.9164, 0.3689, 0.3216



84.9623, 0.3270, 0.3268



39.1638, 0.3095, 0.2570



17.7022, 0.3296, 0.3264



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.



37.9164, 0.3689, 0.3216



52.5508, 0.3851, 0.3201



45.7950, 0.3673, 0.3577



11.8273, 0.3275, 0.3267



8.3980, 0.6275, 0.3230



0.4763, 0.5932, 0.3042

Inverse Universe

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



37.9164, 0.3689, 0.3216



52.5508, 0.3851, 0.3201



46.6824, 0.2684, 0.2984



11.8273, 0.3275, 0.3267



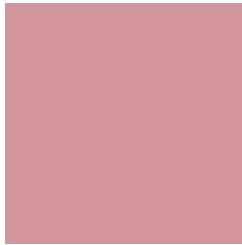
8.3980, 0.6275, 0.3230



0.4763, 0.5932, 0.3042

Previews

White Background



This preview shows how the Yxy color 37.9146, 0.3689, 0.3216 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 37.9146, 0.3689, 0.3216 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 37.9146, 0.3689, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 37.9146, 0.3689, 0.3216.



This preview shows how white text looks on a background with the Yxy color 37.9146, 0.3689, 0.3216.

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

37.9146, 0.3689, 0.3216

Protanopia

38.0256, 0.3173, 0.3304

Deuteranopia

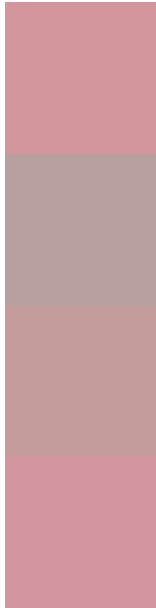
37.9138, 0.3438, 0.3373



Tritanopia

37.9170, 0.3650, 0.3142

Trichromacy



Original Color

37.9146, 0.3689, 0.3216

Protanomaly

37.9052, 0.3352, 0.3277

Deuteranomaly

37.7456, 0.3529, 0.3304

Tritanomaly

37.8470, 0.3671, 0.3167

Monochromacy



Original Color

37.9146, 0.3689, 0.3216

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7113, 0.3321, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9146, 0.3689, 0.3216 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(210, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(210, 150, 156)  
}
```

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(210, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 150, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.9146, 0.3689, 0.3216 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(210, 150, 156) }
```

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

```
.border{ border-color:rgb(210, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 150,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9146, 0.3689, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 150, 156) }
```

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

```
.background{ background-color: rgb(210,  
150, 156) }
```

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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