

Converting Colors

$Y_{xy}(36.9239, 0.3726, 0.3220)$

Have a look what the booklet for
Yxy(36.9239, 0.3726, 0.3220)
contains.

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Color

Yxy(36.8690, 0.3730, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	D29399
RGB	210, 147, 153
RGB Percent	82%, 58%, 60%
CMY	0.1765, 0.4235, 0.3999
CMYK	0.00, 0.30, 0.27, 0.18
HSL	354°, 41%, 70%
HSV	354°, 30%, 82%
XYZ	42.7616, 36.8690, 35.0118
YIQ	166.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

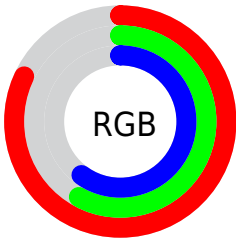
Format	Color
R _Y B	210, 147, 153
Decimal	13800345
CIE Lab	67.18, 24.60, 6.39
CIE LCh	67, 25.415, 14.567
Yxy	36.8690, 0.3730, 0.3216
Android (android.graphics.Color)	4291990425 (0xFFD29399)
YUV	166.5210, -6.6659, 38.1311
Hunter-Lab	60.7198, 19.4479, 8.3166

Details

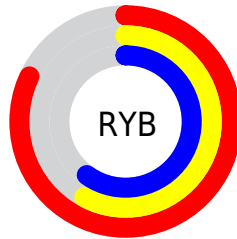
The Yxy color **36.8690, 0.3730, 0.3216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6503, 0.2733, 0.3367**, and the grayscale version is **38.4202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5383, 0.3509, 0.3230**, and **16.1951, 0.3923, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **30.3463, 0.4032, 0.3191**, and if you desaturate by 10%, it is **44.6871, 0.3484, 0.3242**.

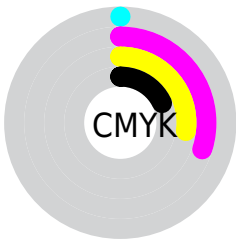
Distribution



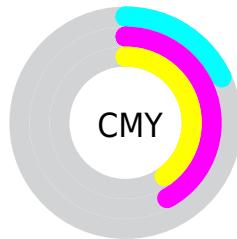
- Red (82%)
- Green (58%)
- Blue (60%)



- Red (82%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8690, 0.3730, 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 36.8690, 0.3730, 0.3216 by changing the saturation by 10% instead.


 36.8690, 0.3730,
0.3216


 36.8690, 0.3730,
0.3216


332.7430, 0.3415,
0.3260

 25.1061, 0.3813,
0.3203


 70.3713, 0.3612,
0.3233

 16.1561, 0.3923,
0.3185


 92.8794, 0.3569,
0.3239

 9.6347, 0.4075,
0.3157


119.7380, 0.3532,
0.3244

 5.1574, 0.4296,
0.3114

151.3316, 0.3502,
0.3248

 2.3399, 0.4646,
0.3037

188.0445, 0.3475,
0.3252

 0.7947, 0.5475,
0.2965

230.2611, 0.3452,

 0.0000, 1.0000,

0.3255

0.0000

278.3658, 0.3432,
0.3257

0.0000, 0.0000,
0.0000

36.8690, 0.3730,
0.3216

36.8690, 0.3730,
0.3216

30.3463, 0.4032,
0.3191

44.6871, 0.3484,
0.3242

25.0441, 0.4395,
0.3170

53.8597, 0.3286,
0.3267

20.8880, 0.4814,
0.3156

64.4488, 0.3127,
0.3290

17.7932, 0.5266,
0.3155

76.5107, 0.2999,
0.3311

15.6632, 0.5704,
0.3172

90.0989, 0.2896,
0.3331

■ 14.3841, 0.6065,
0.3206

■ 92.4402, 0.2860,
0.3289

■ 13.7514, 0.6303,
0.3246

■ 13.7510, 0.6303,
0.3246

Harmonies

Analogous

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



36.8690, 0.3399, 0.2933



36.8690, 0.3730, 0.3216



36.8690, 0.3890, 0.3530

Triad

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



36.8690, 0.3730, 0.3216



36.8690, 0.3209, 0.3934



36.8690, 0.2463, 0.2743

Complementary

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



36.8690, 0.3730, 0.3216



56.6503, 0.2733, 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.



36.8690, 0.2421, 0.2975



36.8690, 0.3730, 0.3216



36.8690, 0.2836, 0.3689

Square

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



36.8690, 0.3730, 0.3216



36.8690, 0.3574, 0.3969



36.8690, 0.2552, 0.3323



36.8690, 0.2671, 0.2665

Rectangle

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



36.8690, 0.3730, 0.3216



36.8690, 0.3873, 0.3724



36.8690, 0.2552, 0.3323



36.8690, 0.2429, 0.2804

Sweetspot

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



36.8707, 0.3730, 0.3216



84.9559, 0.3270, 0.3269



38.3162, 0.3103, 0.2536



17.7006, 0.3296, 0.3265



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.



36.8707, 0.3730, 0.3216



50.5032, 0.3917, 0.3200



45.3884, 0.3703, 0.3604



11.8263, 0.3276, 0.3268



8.3955, 0.6282, 0.3234



0.4759, 0.5953, 0.3053

Inverse Universe

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



36.8707, 0.3730, 0.3216



50.5032, 0.3917, 0.3200



45.4695, 0.2660, 0.2952



11.8263, 0.3276, 0.3268



8.3955, 0.6282, 0.3234



0.4759, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 36.8690, 0.3730, 0.3216 looks on a white background.

Color Contrast Check

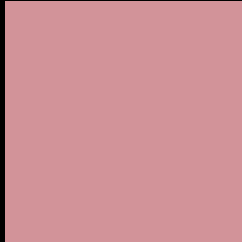
Large Text (above 18pt) WCAG AA × Fail

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 36.8690, 0.3730, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

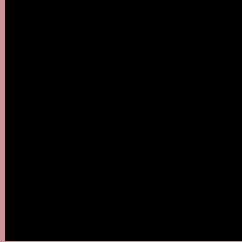
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8690, 0.3730, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 36.8690, 0.3730, 0.3216.



This preview shows how white text looks on a background with the Yxy color 36.8690, 0.3730, 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

36.8690, 0.3730, 0.3216

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

36.8784, 0.3452, 0.3387



Tritanopia

36.6937, 0.3691, 0.3154

Trichromacy



Original Color

36.8690, 0.3730, 0.3216

Protanomaly

36.6844, 0.3366, 0.3263

Deuteranomaly

36.7157, 0.3544, 0.3318

Tritanomaly

36.6597, 0.3701, 0.3166

Monochromacy



Original Color

36.8690, 0.3730, 0.3216

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8175, 0.3333, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8690, 0.3730, 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, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 153)  
}
```

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, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 153) }
```

Border

The CSS property to change the border of an element to Yxy 36.8690, 0.3730, 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, 147, 153) }
```

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

```
.border{ border-color:rgb(210, 147, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 147, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8690, 0.3730, 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, 147, 153) }
```

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

```
.background{ background-color: rgb(210,  
147, 153) }
```

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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