

Converting Colors

$Yxy(36.7139, 0.3371, 0.3017)$

Have a look what the booklet for
Yxy(36.7139, 0.3371, 0.3017)
contains.

Yxy(36.7139, 0.3371, 0.3017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.7139, 0.3371, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	C397AC
RGB	195, 151, 172
RGB Percent	76%, 59%, 67%
CMY	0.2352, 0.4079, 0.3255
CMYK	0.00, 0.23, 0.12, 0.24
HSL	331°, 27%, 68%
HSV	331°, 23%, 76%
XYZ	41.0217, 36.7139, 43.9545
YIQ	166.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

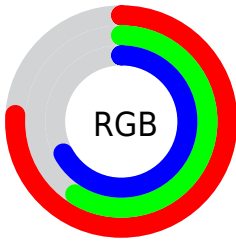
Format	Color
R _Y B	195, 151, 172
Decimal	12818348
CIE Lab	67.06, 19.83, -4.60
CIE LCh	67, 20.360, 346.935
Yxy	36.7139, 0.3371, 0.3017
Android (android.graphics.Color)	4291008428 (0xFFC397AC)
YUV	166.5500, 2.6868, 24.9506
Hunter-Lab	60.5920, 14.8113, -0.5956

Details

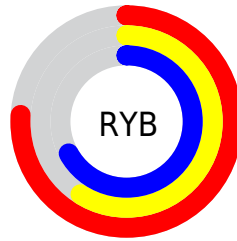
The Yxy color **36.7139, 0.3371, 0.3017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6732, 0.2937, 0.3581**, and the grayscale version is **38.3944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9041, 0.3328, 0.3067**, and **16.1331, 0.3445, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **30.5723, 0.3516, 0.2890**, and if you desaturate by 10%, it is **43.9271, 0.3250, 0.3142**.

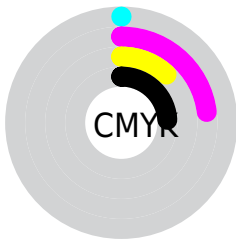
Distribution



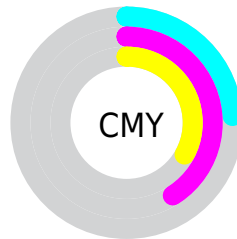
- Red (76%)
- Green (59%)
- Blue (67%)



- Red (76%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7139, 0.3371, 0.3017 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 36.7139, 0.3371, 0.3017 by changing the saturation by 10% instead.

 36.7139, 0.3371,
0.3017


 36.7139, 0.3371,
0.3017


332.0702, 0.3246,
0.3156

 24.9861, 0.3403,
0.2981


 70.1325, 0.3325,
0.3068

 16.0667, 0.3446,
0.2935


 92.5921, 0.3307,
0.3087

 9.5713, 0.3504,
0.2872


119.3977, 0.3293,
0.3103

 5.1157, 0.3587,
0.2783

150.9338, 0.3281,
0.3117

 2.3153, 0.3718,
0.2646

187.5847, 0.3270,
0.3129

 0.7818, 0.3955,
0.2399

229.7348, 0.3261,

 0.0000, 1.0000,

0.3139

0.0000

277.7685, 0.3253,
0.3148

0.0000, 0.0000,
0.0000

36.7139, 0.3371,
0.3017

36.7139, 0.3371,
0.3017

30.5723, 0.3516,
0.2890

43.9271, 0.3250,
0.3142

25.4457, 0.3687,
0.2764

52.2551, 0.3150,
0.3261

21.2797, 0.3887,
0.2649


61.7448, 0.3067,
0.3372

18.0128, 0.4113,
0.2555


72.4388, 0.2999,
0.3475


15.5764, 0.4361,
0.2492


84.3777, 0.2943,
0.3570

 13.8915, 0.4621,
0.2475

 89.0178, 0.2890,
0.3524

 12.8639, 0.4879,
0.2510

 89.6181, 0.2837,
0.3413

 12.3955, 0.5064,
0.2564

 90.2527, 0.2786,
0.3304

 90.3443, 0.2778,
0.3289

Harmonies

Analogous

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



36.7139, 0.3058, 0.2848



36.7139, 0.3371, 0.3017



36.7139, 0.3625, 0.3254

Triad

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



36.7139, 0.3371, 0.3017



36.7139, 0.3469, 0.3837



36.7139, 0.2551, 0.3022

Complementary

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



36.7139, 0.3371, 0.3017



48.6732, 0.2937, 0.3581

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.



36.7139, 0.2649, 0.3297



36.7139, 0.3371, 0.3017



36.7139, 0.3172, 0.3790

Square

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



36.7139, 0.3371, 0.3017



36.7139, 0.3680, 0.3726



36.7139, 0.2873, 0.3586



36.7139, 0.2597, 0.2840

Rectangle

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



36.7139, 0.3371, 0.3017



36.7139, 0.3721, 0.3426



36.7139, 0.2873, 0.3586



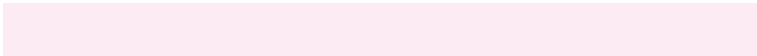
36.7139, 0.2568, 0.3106

Sweetspot

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



36.7155, 0.3371, 0.3017



86.5533, 0.3193, 0.3208



35.0425, 0.2953, 0.2701



18.7524, 0.3199, 0.3200



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.



36.7155, 0.3371, 0.3017



60.1805, 0.3438, 0.2955



36.2081, 0.3581, 0.3301



10.1561, 0.3216, 0.3181



8.0717, 0.5033, 0.2546



0.3627, 0.4521, 0.2264

Inverse Universe

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



36.7155, 0.3371, 0.3017



60.1805, 0.3438, 0.2955



49.2296, 0.2796, 0.3279



10.1561, 0.3216, 0.3181



8.0717, 0.5033, 0.2546



0.3627, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 36.7139, 0.3371, 0.3017 looks on a white background.

Color Contrast Check

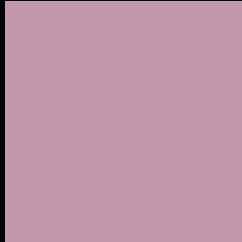
Large Text (above 18pt) WCAG AA × Fail

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 36.7139, 0.3371, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

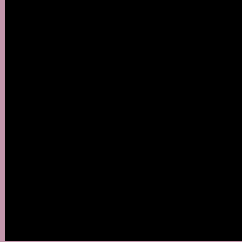
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7139, 0.3371, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 36.7139, 0.3371, 0.3017.



This preview shows how white text looks on a background with the Yxy color 36.7139, 0.3371, 0.3017.

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

36.7139, 0.3371, 0.3017

Protanopia

36.7767, 0.2982, 0.3050

Deuteranopia

36.9667, 0.3183, 0.3125



Tritanopia

36.6061, 0.3438, 0.3133

Trichromacy



Original Color

36.7139, 0.3371, 0.3017

Protanomaly

36.5870, 0.3120, 0.3042

Deuteranomaly

36.7845, 0.3254, 0.3088

Tritanomaly

36.7158, 0.3408, 0.3094

Monochromacy



Original Color

36.7139, 0.3371, 0.3017

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7014, 0.3209, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7139, 0.3371, 0.3017 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(195, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(195, 151, 172)  
}
```

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(195, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 172) }
```

Border

The CSS property to change the border of an element to Yxy 36.7139, 0.3371, 0.3017 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(195, 151, 172) }
```

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

```
.border{ border-color:rgb(195, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(195, 151,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7139, 0.3371, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 151, 172) }
```

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

```
.background{ background-color: rgb(195,  
151, 172) }
```

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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