

Converting Colors

$Y_{xy}(36.5460, 0.3425, 0.3031)$

Have a look what the booklet for
Yxy(36.5460, 0.3425, 0.3031)
contains.

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Color

Yxy(36.7207, 0.3423, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	C696AA
RGB	198, 150, 170
RGB Percent	78%, 59%, 67%
CMY	0.2234, 0.4118, 0.3333
CMYK	0.00, 0.24, 0.14, 0.22
HSL	335°, 30%, 68%
HSV	335°, 24%, 78%
XYZ	41.4561, 36.7207, 42.9337
YIQ	166.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

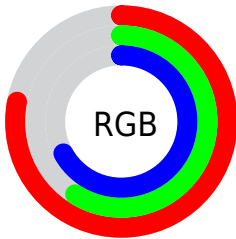
Format	Color
R _Y B	198, 150, 170
Decimal	13014698
CIE Lab	67.07, 21.14, -3.44
CIE LCh	67, 21.418, 350.757
Yxy	36.7207, 0.3423, 0.3032
Android (android.graphics.Color)	4291204778 (0xFFC696AA)
YUV	166.6320, 1.6604, 27.5097
Hunter-Lab	60.5976, 16.0699, 0.4111

Details

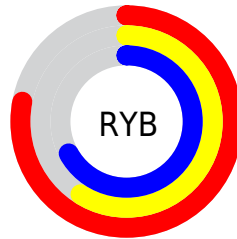
The Yxy color **36.7207, 0.3423, 0.3032** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0993, 0.2904, 0.3564**, and the grayscale version is **38.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8820, 0.3367, 0.3078**, and **16.0713, 0.3506, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **30.5096, 0.3590, 0.2920**, and if you desaturate by 10%, it is **44.0415, 0.3284, 0.3142**.

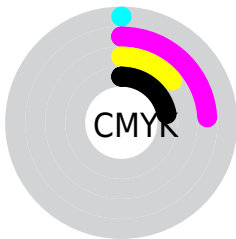
Distribution



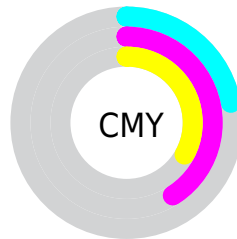
- Red (78%)
- Green (59%)
- Blue (67%)



- Red (78%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7207, 0.3423, 0.3032 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 36.7207, 0.3423, 0.3032 by changing the saturation by 10% instead.


 36.7207, 0.3423,
0.3032

 36.7207, 0.3423,
0.3032


332.0997, 0.3270,
0.3164

 24.9913, 0.3463,
0.2998


 70.1430, 0.3366,
0.3081

 16.0706, 0.3515,
0.2954


 92.6047, 0.3345,
0.3099

 9.5741, 0.3586,
0.2894


119.4127, 0.3328,
0.3114

 5.1175, 0.3689,
0.2808

150.9513, 0.3313,
0.3127

 2.3164, 0.3851,
0.2676

187.6048, 0.3300,
0.3138

 0.7824, 0.4147,
0.2435

229.7579, 0.3289,

 0.0000, 1.0000,

0.3148

0.0000

277.7947, 0.3279,
0.3156

■ 0.0000, 0.0000,
0.0000

■ 36.7207, 0.3423,
0.3032

■ 36.7207, 0.3423,
0.3032

■ 30.5096, 0.3590,
0.2920

■ 44.0415, 0.3284,
0.3142

■ 25.3485, 0.3790,
0.2811

■ 52.5179, 0.3170,
0.3247

■ 21.1798, 0.4022,
0.2713

■ 62.1992, 0.3075,
0.3346

■ 17.9382, 0.4287,
0.2637

■ 73.1303, 0.2998,
0.3437

■ 15.5504, 0.4575,
0.2595

■ 85.3539, 0.2934,
0.3520

■ 13.9321, 0.4874,
0.2599

■ 89.7808, 0.2875,
0.3456

■ 12.9809, 0.5163,
0.2657

■ 90.4869, 0.2815,
0.3332

■ 12.6262, 0.5322,
0.2705

■ 90.7495, 0.2795,
0.3289

Harmonies

Analogous

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



36.7207, 0.3096, 0.2843



36.7207, 0.3423, 0.3032



36.7207, 0.3677, 0.3285

Triad

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



36.7207, 0.3423, 0.3032



36.7207, 0.3449, 0.3870



36.7207, 0.2520, 0.2977

Complementary

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



36.7207, 0.3423, 0.3032



50.0993, 0.2904, 0.3564

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.



36.7207, 0.2604, 0.3256



36.7207, 0.3423, 0.3032



36.7207, 0.3132, 0.3799

Square

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



36.7207, 0.3423, 0.3032



36.7207, 0.3688, 0.3770



36.7207, 0.2824, 0.3566



36.7207, 0.2587, 0.2802

Rectangle

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



36.7207, 0.3423, 0.3032



36.7207, 0.3762, 0.3465



36.7207, 0.2824, 0.3566



36.7207, 0.2532, 0.3061

Sweetspot

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



36.7224, 0.3423, 0.3032



88.4826, 0.3200, 0.3218



35.3555, 0.2967, 0.2658



18.7371, 0.3207, 0.3212



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.



36.7224, 0.3423, 0.3032



59.0742, 0.3506, 0.2974



37.3212, 0.3616, 0.3344



10.7090, 0.3225, 0.3194



8.2248, 0.5288, 0.2687



0.4038, 0.4751, 0.2391

Inverse Universe

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



36.7224, 0.3423, 0.3032



59.0742, 0.3506, 0.2974



49.1565, 0.2769, 0.3235



10.7090, 0.3225, 0.3194



8.2248, 0.5288, 0.2687



0.4038, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 36.7207, 0.3423, 0.3032 looks on a white background.

Color Contrast Check

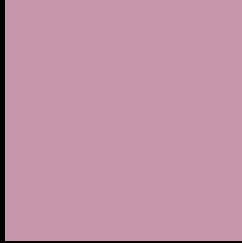
Large Text (above 18pt) WCAG AA × Fail

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 36.7207, 0.3423, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

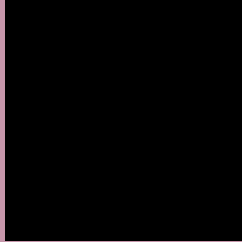
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7207, 0.3423, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 36.7207, 0.3423, 0.3032.



This preview shows how white text looks on a background with the Yxy color 36.7207, 0.3423, 0.3032.

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

36.7207, 0.3423, 0.3032

Protanopia

36.7364, 0.2990, 0.3064

Deuteranopia

36.9705, 0.3220, 0.3166



Tritanopia

36.6479, 0.3481, 0.3134

Trichromacy



Original Color

36.7207, 0.3423, 0.3032

Protanomaly

36.6628, 0.3138, 0.3056

Deuteranomaly

36.9558, 0.3293, 0.3115

Tritanomaly

36.7567, 0.3451, 0.3095

Monochromacy



Original Color

36.7207, 0.3423, 0.3032

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7819, 0.3227, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7207, 0.3423, 0.3032 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(198, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 170)  
}
```

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(198, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 170) }
```

Border

The CSS property to change the border of an element to Yxy 36.7207, 0.3423, 0.3032 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(198, 150, 170) }
```

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

```
.border{ border-color:rgb(198, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7207, 0.3423, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 170) }
```

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

```
.background{ background-color: rgb(198,  
150, 170) }
```

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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