

Converting Colors

$Y_{xy}(36.1092, 0.3402, 0.3054)$

Have a look what the booklet for
Yxy(36.1092, 0.3402, 0.3054)
contains.

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Color

Yxy(36.1092, 0.3402, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	C296A8
RGB	194, 150, 168
RGB Percent	76%, 59%, 66%
CMY	0.2392, 0.4118, 0.3411
CMYK	0.00, 0.23, 0.13, 0.24
HSL	335°, 27%, 67%
HSV	335°, 23%, 76%
XYZ	40.2238, 36.1092, 41.9028
YIQ	165.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

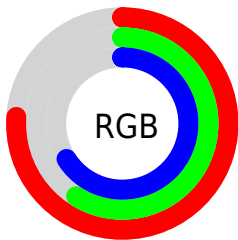
Format	Color
RYB	194, 150, 168
Decimal	12752552
CIELab	66.60, 19.34, -3.06
CIELCh	67, 19.583, 351.021
Yxy	36.1092, 0.3402, 0.3054
Android (android.graphics.Color)	4290942632 (0xFFC296A8)
YUV	165.2080, 1.3765, 25.2506
Hunter-Lab	60.0909, 14.3256, 0.7194

Details

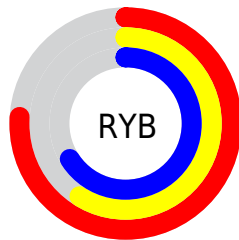
The Yxy color **36.1092, 0.3402, 0.3054** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2031, 0.2915, 0.3539**, and the grayscale version is **37.7190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0227, 0.3351, 0.3096**, and **15.7601, 0.3492, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **30.0148, 0.3566, 0.2944**, and if you desaturate by 10%, it is **43.2695, 0.3266, 0.3162**.

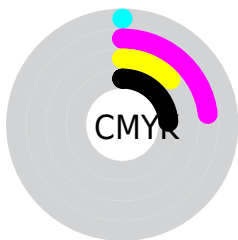
Distribution



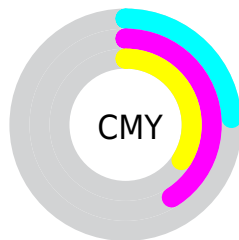
- Red (76%)
- Green (59%)
- Blue (66%)



- Red (76%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1092, 0.3402, 0.3054 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 36.1092, 0.3402, 0.3054 by changing the saturation by 10% instead.


 36.1092, 0.3402,
0.3054


 36.1092, 0.3402,
0.3054

329.4376, 0.3260,
0.3175

 24.5185, 0.3439,
0.3023


 69.2006, 0.3349,
0.3099

 15.7187, 0.3488,
0.2982


 91.4701, 0.3330,
0.3115

 9.3253, 0.3555,
0.2926


118.0680, 0.3313,
0.3129

 4.9540, 0.3653,
0.2846

149.3787, 0.3299,
0.3141

 2.2203, 0.3807,
0.2721

185.7867, 0.3287,
0.3152

 0.7310, 0.4101,
0.2476

227.6762, 0.3277,

 0.0000, 1.0000,

0.3161

0.0000

275.4317, 0.3268,
0.3168

0.0000, 0.0000,
0.0000

36.1092, 0.3402,
0.3054

36.1092, 0.3402,
0.3054

30.0148, 0.3566,
0.2944

43.2695, 0.3266,
0.3162

24.9301, 0.3763,
0.2836

51.5386, 0.3154,
0.3264

20.8009, 0.3993,
0.2738

60.9632, 0.3062,
0.3359

17.5662, 0.4256,
0.2659

71.5857, 0.2986,
0.3447

15.1576, 0.4545,
0.2612

83.4463, 0.2924,
0.3528

■ 13.4970, 0.4847,
0.2609

■ 89.0902, 0.2866,
0.3485

■ 12.4906, 0.5143,
0.2659

■ 89.7807, 0.2807,
0.3361

■ 12.0404, 0.5348,
0.2720

■ 90.2097, 0.2773,
0.3289

Harmonies

Analogous

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



36.1092, 0.3102, 0.2878



36.1092, 0.3402, 0.3054



36.1092, 0.3633, 0.3289

Triad

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



36.1092, 0.3402, 0.3054



36.1092, 0.3422, 0.3822



36.1092, 0.2567, 0.3001

Complementary

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



36.1092, 0.3402, 0.3054



48.2031, 0.2915, 0.3539

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.



36.1092, 0.2644, 0.3258



36.1092, 0.3402, 0.3054



36.1092, 0.3130, 0.3754

Square

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



36.1092, 0.3402, 0.3054



36.1092, 0.3642, 0.3734



36.1092, 0.2846, 0.3541



36.1092, 0.2630, 0.2840

Rectangle

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



36.1092, 0.3402, 0.3054



36.1092, 0.3711, 0.3456



36.1092, 0.2846, 0.3541



36.1092, 0.2577, 0.3079

Sweetspot

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



36.1108, 0.3402, 0.3054



86.4811, 0.3201, 0.3219



34.9002, 0.2980, 0.2703



18.7353, 0.3208, 0.3213



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.



36.1108, 0.3402, 0.3054



59.9438, 0.3476, 0.3002



36.6738, 0.3575, 0.3340



10.1447, 0.3226, 0.3196



7.9314, 0.5314, 0.2701



0.3564, 0.4733, 0.2381

Inverse Universe

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



36.1108, 0.3402, 0.3054



59.9438, 0.3476, 0.3002



47.3519, 0.2791, 0.3239



10.1447, 0.3226, 0.3196



7.9314, 0.5314, 0.2701



0.3564, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 36.1092, 0.3402, 0.3054 looks on a white background.

Color Contrast Check

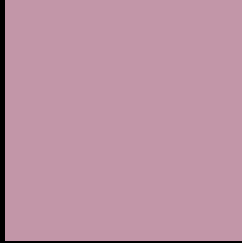
Large Text (above 18pt) WCAG AA × Fail

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 36.1092, 0.3402, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

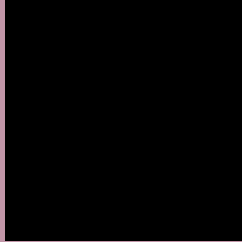
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1092, 0.3402, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 36.1092, 0.3402, 0.3054.



This preview shows how white text looks on a background with the Yxy color 36.1092, 0.3402, 0.3054.

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

36.1092, 0.3402, 0.3054

Protanopia

36.1620, 0.3006, 0.3090

Deuteranopia

36.1341, 0.3221, 0.3151



Tritanopia

36.1150, 0.3440, 0.3132

Trichromacy



Original Color

36.1092, 0.3402, 0.3054

Protanomaly

35.9767, 0.3147, 0.3081

Deuteranomaly

35.9685, 0.3294, 0.3114

Tritanomaly

36.1873, 0.3420, 0.3106

Monochromacy



Original Color

36.1092, 0.3402, 0.3054

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1249, 0.3227, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1092, 0.3402, 0.3054 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(194, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 150, 168)  
}
```

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(194, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 150, 168) }
```

Border

The CSS property to change the border of an element to Yxy 36.1092, 0.3402, 0.3054 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(194, 150, 168) }
```

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

```
.border{ border-color:rgb(194, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 150, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 150, 168); box-shadow:4px 4px 4px 4px rgb(194, 150, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1092, 0.3402, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 150, 168) }
```

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

```
.background{ background-color: rgb(194,  
150, 168) }
```

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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