

Converting Colors

$Y_{xy}(39.1375, 0.3716, 0.3441)$

Have a look what the booklet for
Yxy(39.1375, 0.3716, 0.3441)
contains.

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Color

Yxy(39.0266, 0.3708, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	CC9D92
RGB	204, 157, 146
RGB Percent	80%, 62%, 57%
CMY	0.1999, 0.3843, 0.4275
CMYK	0.00, 0.23, 0.28, 0.20
HSL	11°, 36%, 69%
HSV	11°, 28%, 80%
XYZ	42.1528, 39.0266, 32.5013
YIQ	169.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

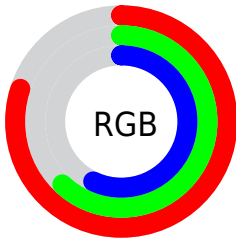
Format	Color
RYB	204, 160, 146
Decimal	13409682
CIELab	68.77, 15.91, 12.49
CIElCh	69, 20.228, 38.142
Yxy	39.0266, 0.3708, 0.3433
Android (android.graphics.Color)	4291599762 (0xFFCC9D92)
YUV	169.7990, -11.7329, 29.9943
Hunter-Lab	62.4713, 11.1191, 12.8837

Details

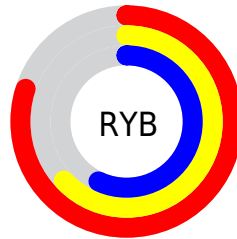
The Yxy color **39.0266, 0.3708, 0.3433** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6245, 0.2703, 0.3141**, and the grayscale version is **40.1424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5171, 0.3541, 0.3414**, and **17.5422, 0.3884, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **33.2276, 0.3996, 0.3486**, and if you desaturate by 10%, it is **45.6998, 0.3467, 0.3380**.

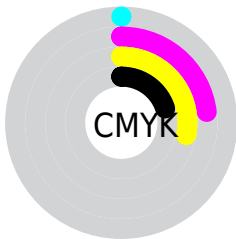
Distribution



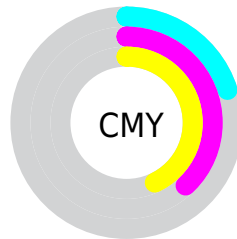
- Red (80%)
- Green (62%)
- Blue (57%)



- Red (80%)
- Yellow (63%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (20%)




- Cyan (20%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0266, 0.3708, 0.3433 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 39.0266, 0.3708, 0.3433 by changing the saturation by 10% instead.


 39.0266, 0.3708,
0.3433


 39.0266, 0.3708,
0.3433


342.0036, 0.3406,
0.3366

 26.7804, 0.3787,
0.3448

 73.6790, 0.3596,
0.3410

 17.4084, 0.3890,
0.3466


 96.8539, 0.3554,
0.3401

 10.5261, 0.4031,
0.3488


124.4406, 0.3520,
0.3393

 5.7491, 0.4235,
0.3513

156.8234, 0.3490,
0.3386

 2.6931, 0.4551,
0.3538

194.3867, 0.3465,
0.3380

 0.9737, 0.5481,
0.3802

237.5149, 0.3443,

 0.0000, 1.0000,

0.3375

0.0000

286.5924, 0.3423,
0.3370

0.0000, 0.0000,
0.0000

39.0266, 0.3708,
0.3433

39.0266, 0.3708,
0.3433

33.2276, 0.3996,
0.3486

45.6998, 0.3467,
0.3380

28.2612, 0.4335,
0.3534

53.2758, 0.3268,
0.3330

24.0903, 0.4720,
0.3572

61.7887, 0.3104,
0.3283

20.6729, 0.5136,
0.3590

71.2692, 0.2968,
0.3240

17.9631, 0.5547,
0.3580

81.7465, 0.2855,
0.3201

■ 15.9098, 0.5906,
0.3536

■ 91.5818, 0.2827,
0.3289

■ 14.4515, 0.6169,
0.3465

■ 14.2715, 0.6205,
0.3456

Harmonies

Analogous

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



39.0266, 0.3551, 0.3183



39.0266, 0.3708, 0.3433



39.0266, 0.3700, 0.3661

Triad

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



39.0266, 0.3708, 0.3433



39.0266, 0.2961, 0.3649



39.0266, 0.2723, 0.2798

Complementary

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



39.0266, 0.3708, 0.3433



48.6245, 0.2703, 0.3141

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.



39.0266, 0.2582, 0.2892



39.0266, 0.3708, 0.3433



39.0266, 0.2715, 0.3382

Square

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



39.0266, 0.3708, 0.3433



39.0266, 0.3260, 0.3807



39.0266, 0.2579, 0.3102



39.0266, 0.2973, 0.2828

Rectangle

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



39.0266, 0.3708, 0.3433



39.0266, 0.3603, 0.3770



39.0266, 0.2579, 0.3102



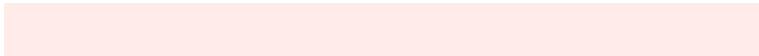
39.0266, 0.2662, 0.2816

Sweetspot

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



39.0284, 0.3708, 0.3433



87.3107, 0.3280, 0.3333



37.2646, 0.3259, 0.2708



18.2751, 0.3308, 0.3341



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.



39.0284, 0.3708, 0.3433



58.6851, 0.3875, 0.3465



49.8882, 0.3611, 0.3786



11.5521, 0.3285, 0.3335



9.0820, 0.6184, 0.3472



0.5742, 0.5816, 0.3764

Inverse Universe

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



48.6245, 0.2703, 0.3141



77.0569, 0.2620, 0.3106



37.1552, 0.2661, 0.2739



12.3515, 0.2983, 0.3245



19.8861, 0.2077, 0.2677



1.1215, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 39.0266, 0.3708, 0.3433 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 39.0266, 0.3708, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

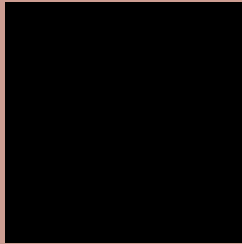
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0266, 0.3708, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 39.0266, 0.3708, 0.3433.



This preview shows how white text looks on a background with the Yxy color 39.0266, 0.3708, 0.3433.

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

39.0266, 0.3708, 0.3433

Protanopia

39.3536, 0.3341, 0.3528

Deuteranopia

39.0915, 0.3580, 0.3519



Tritanopia

38.9862, 0.3535, 0.3140

Trichromacy



Original Color

39.0266, 0.3708, 0.3433

Protanomaly

39.1599, 0.3476, 0.3495

Deuteranomaly

38.9217, 0.3626, 0.3490

Tritanomaly

38.9250, 0.3593, 0.3240

Monochromacy



Original Color

39.0266, 0.3708, 0.3433

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4286, 0.3324, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0266, 0.3708, 0.3433 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(204, 157, 146)` looks like.

```
.text, #text, p{  
    color:rgb(204, 157, 146)  
}
```

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(204, 157, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 157, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.0266, 0.3708, 0.3433 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(204, 157, 146) }
```

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

```
.border{ border-color:rgb(204, 157, 146) }
```

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

Here you see how a box with a 4 pixel rgb(204, 157, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 157, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 157, 146);  
box-shadow:4px 4px 4px 4px rgb(204, 157,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0266, 0.3708, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 157, 146) }
```

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

```
.background{ background-color: rgb(204,  
157, 146) }
```

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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