

Converting Colors

$Y_{xy}(38.8003, 0.3709, 0.3353)$

Have a look what the booklet for
Yxy(38.8003, 0.3709, 0.3353)
contains.

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Color

Yxy(38.9101, 0.3704, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	CF9B96
RGB	207, 155, 150
RGB Percent	81%, 61%, 59%
CMY	0.1883, 0.3921, 0.4117
CMYK	0.00, 0.25, 0.28, 0.19
HSL	5°, 37%, 70%
HSV	5°, 28%, 81%
XYZ	42.9577, 38.9101, 34.1087
YIQ	169.9780, 32.5970, 9.4690

Conversions

Conversions Part 2

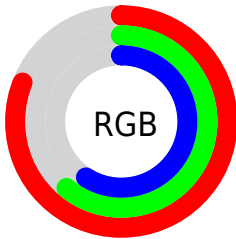
Format	Color
R_{YB}	207, 155, 150
Decimal	13605782
CIE _{Lab}	68.69, 18.68, 10.18
CIE _{LCh}	69, 21.278, 28.582
Yxy	38.9101, 0.3704, 0.3355
Android (android.graphics.Color)	4291795862 (0xFFCF9B96)
YUV	169.9780, -9.8492, 32.4683
Hunter-Lab	62.3780, 13.7657, 11.2444

Details

The Yxy color **38.9101, 0.3704, 0.3355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2331, 0.2723, 0.3224**, and the grayscale version is **40.2260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7128, 0.3515, 0.3353**, and **17.3808, 0.3880, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **32.4999, 0.4007, 0.3380**, and if you desaturate by 10%, it is **46.4250, 0.3455, 0.3330**.

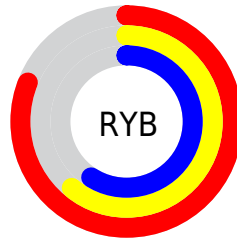
Distribution



Red (81%)

Green (61%)

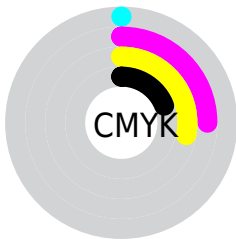
Blue (59%)



Red (81%)

Yellow (61%)

Blue (59%)

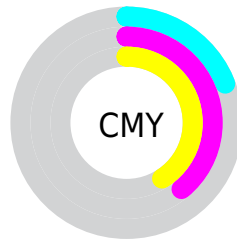


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (39%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9101, 0.3704, 0.3355 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 38.9101, 0.3704, 0.3355 by changing the saturation by 10% instead.


 38.9101, 0.3704,
0.3355


 38.9101, 0.3704,
0.3355

341.5081, 0.3404,
0.3328

 26.6898, 0.3782,
0.3360


 73.5010, 0.3592,
0.3346

 17.3404, 0.3885,
0.3365


 96.6403, 0.3551,
0.3343

 10.4775, 0.4026,
0.3370


124.1881, 0.3517,
0.3340

 5.7167, 0.4230,
0.3371

156.5288, 0.3488,
0.3337

 2.6736, 0.4548,
0.3361

194.0468, 0.3462,
0.3334

 0.9638, 0.5339,
0.3458

237.1264, 0.3440,


 0.0000, 1.0000,


0.3332


0.0000

286.1520, 0.3421,
0.3330


 0.0000, 0.0000,
0.0000


 38.9101, 0.3704,
0.3355


 38.9101, 0.3704,
0.3355


 32.4999, 0.4007,
0.3380

 46.4250, 0.3455,
0.3330

 27.1371, 0.4370,
0.3402

 55.0876, 0.3253,
0.3307

 22.7677, 0.4789,
0.3419

 64.9450, 0.3090,
0.3285

 19.3304, 0.5242,
0.3426

 76.0403, 0.2957,
0.3265

 16.7574, 0.5685,
0.3417

 88.4144, 0.2848,
0.3247

■ 14.9715, 0.6054,
0.3391

■ 92.0040, 0.2844,
0.3289

■ 13.8800, 0.6296,
0.3353

■ 13.7005, 0.6340,
0.3348

Harmonies

Analogous

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



38.9101, 0.3491, 0.3099



38.9101, 0.3704, 0.3355



38.9101, 0.3753, 0.3609

Triad

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



38.9101, 0.3704, 0.3355



38.9101, 0.3049, 0.3739



38.9101, 0.2641, 0.2790

Complementary

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



38.9101, 0.3704, 0.3355



53.2331, 0.2723, 0.3224

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.



38.9101, 0.2538, 0.2929



38.9101, 0.3704, 0.3355



38.9101, 0.2765, 0.3483

Square

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



38.9101, 0.3704, 0.3355



38.9101, 0.3364, 0.3853



38.9101, 0.2582, 0.3180



38.9101, 0.2871, 0.2782

Rectangle

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



38.9101, 0.3704, 0.3355



38.9101, 0.3685, 0.3746



38.9101, 0.2582, 0.3180



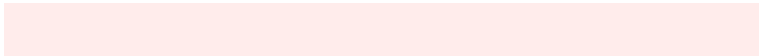
38.9101, 0.2591, 0.2822

Sweetspot

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



38.9119, 0.3704, 0.3355



87.4484, 0.3264, 0.3308



39.3591, 0.3202, 0.2663



18.2425, 0.3292, 0.3311



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.



38.9119, 0.3704, 0.3355



56.1215, 0.3875, 0.3370



49.4381, 0.3611, 0.3703



11.9722, 0.3288, 0.3311



8.6919, 0.6328, 0.3358



0.5448, 0.6116, 0.3525

Inverse Universe

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



53.2331, 0.2723, 0.3224



82.7709, 0.2646, 0.3208



41.1692, 0.2685, 0.2839



13.2227, 0.2983, 0.3269



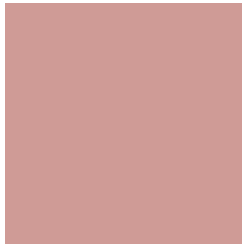
25.8070, 0.2171, 0.3015



1.4961, 0.2186, 0.3070

Previews

White Background



This preview shows how the Yxy color 38.9101, 0.3704, 0.3355 looks on a white background.

Color Contrast Check

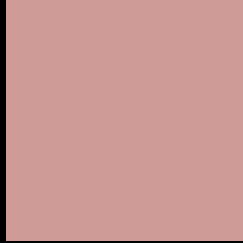
Large Text (above 18pt) WCAG AA × Fail

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 38.9101, 0.3704, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

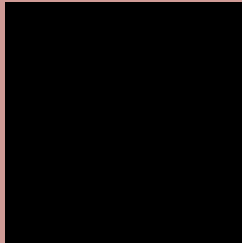
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9101, 0.3704, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 38.9101, 0.3704, 0.3355.



This preview shows how white text looks on a background with the Yxy color 38.9101, 0.3704, 0.3355.

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

38.9101, 0.3704, 0.3355

Protanopia

39.0364, 0.3289, 0.3444

Deuteranopia

39.0870, 0.3531, 0.3465



Tritanopia

39.0544, 0.3578, 0.3141

Trichromacy



Original Color

38.9101, 0.3704, 0.3355

Protanomaly

38.9666, 0.3432, 0.3413

Deuteranomaly

38.8365, 0.3600, 0.3423

Tritanomaly

39.0592, 0.3616, 0.3216

Monochromacy



Original Color

38.9101, 0.3704, 0.3355

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6219, 0.3315, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9101, 0.3704, 0.3355 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(207, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 155, 150)  
}
```

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(207, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 155, 150) }
```

Border

The CSS property to change the border of an element to Yxy 38.9101, 0.3704, 0.3355 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(207, 155, 150) }
```

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

```
.border{ border-color:rgb(207, 155, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 155, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 155,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9101, 0.3704, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 155, 150) }
```

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

```
.background{ background-color: rgb(207,  
155, 150) }
```

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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