

Converting Colors

Yxy(52.4241, 0.3801, 0.3390)

Have a look what the booklet for
Yxy(52.4241, 0.3801, 0.3390)
contains.

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Color

Yxy(52.5415, 0.3794, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	F1B0A7
RGB	241, 176, 167
RGB Percent	95%, 69%, 65%
CMY	0.0550, 0.3097, 0.3452
CMYK	0.00, 0.27, 0.31, 0.05
HSL	7°, 73%, 80%
HSV	7°, 31%, 95%
XYZ	58.7684, 52.5415, 43.5884
YIQ	194.4090, 41.6290, 10.9810

Conversions

Conversions Part 2

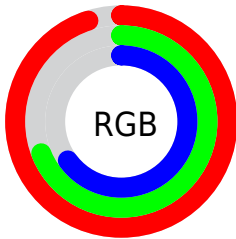
Format	Color
R _Y B	241, 177, 167
Decimal	15839399
CIE Lab	77.60, 22.50, 13.98
CIE LCh	78, 26.491, 31.863
Yxy	52.5415, 0.3794, 0.3392
Android (android.graphics.Color)	4294029479 (0xFFFF1B0A7)
YUV	194.4090, -13.5126, 40.8603
Hunter-Lab	72.4855, 17.8711, 15.0865

Details

The Yxy color **52.5415, 0.3794, 0.3392** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.2363, 0.2673, 0.3185**, and the grayscale version is **54.2668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2472, 0.3351, 0.3390**, and **25.4710, 0.3974, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **44.0748, 0.4113, 0.3426**, and if you desaturate by 10%, it is **62.4716, 0.3530, 0.3357**.

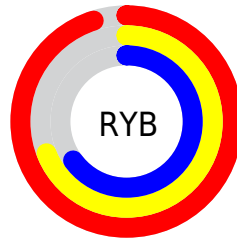
Distribution



Red (95%)

Green (69%)

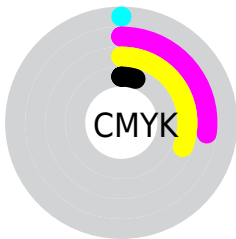
Blue (65%)



Red (95%)

Yellow (69%)

Blue (65%)

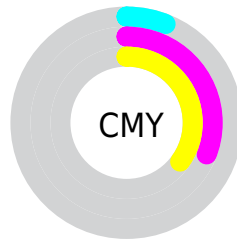


Cyan (0%)

Magenta (27%)

Yellow (31%)

Black (5%)



Cyan (6%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5415, 0.3794, 0.3392 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 52.5415, 0.3794, 0.3392 by changing the saturation by 10% instead.


 52.5415, 0.3794,
0.3392


 52.5415, 0.3794,
0.3392


396.5236, 0.3464,
0.3350

 37.4369, 0.3875,
0.3400


 93.9293, 0.3675,
0.3379

 25.5459, 0.3978,
0.3408


 120.9814, 0.3630,
0.3373

 16.4843, 0.4114,
0.3416


152.7846, 0.3592,
0.3369

 9.8675, 0.4299,
0.3423

189.7235, 0.3559,
0.3364

 5.3112, 0.4567,
0.3423

232.1825, 0.3531,
0.3360

 2.4310, 0.4984,
0.3400

280.5459, 0.3506,

 0.8418, 0.6340,

0.3357

0.3660

335.1981, 0.3484,
0.3353

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5415, 0.3794,
0.3392

52.5415, 0.3794,
0.3392

44.0748, 0.4113,
0.3426

62.4716, 0.3530,
0.3357

36.9951, 0.4490,
0.3456

73.9220, 0.3314,
0.3324

31.2305, 0.4916,
0.3476

86.9556, 0.3138,
0.3292

26.6994, 0.5365,
0.3479

97.4371, 0.3041,
0.3290

■ 23.3110, 0.5786,
0.3460

■ 20.9622, 0.6118,
0.3418

■ 19.5986, 0.6313,
0.3369

Harmonies

Analogous

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



52.5415, 0.3570, 0.3104



52.5415, 0.3794, 0.3392



52.5415, 0.3825, 0.3673

Triad

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



52.5415, 0.3794, 0.3392



52.5415, 0.2999, 0.3774



52.5415, 0.2604, 0.2722

Complementary

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



52.5415, 0.3794, 0.3392



72.2363, 0.2673, 0.3185

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.



52.5415, 0.2472, 0.2859



52.5415, 0.3794, 0.3392



52.5415, 0.2691, 0.3470

Square

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



52.5415, 0.3794, 0.3392



52.5415, 0.3354, 0.3923



52.5415, 0.2503, 0.3128



52.5415, 0.2874, 0.2730

Rectangle

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



52.5415, 0.3794, 0.3392



52.5415, 0.3734, 0.3821



52.5415, 0.2503, 0.3128



52.5415, 0.2543, 0.2751

Sweetspot

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



52.5440, 0.3794, 0.3392



86.4232, 0.3282, 0.3318



52.1695, 0.3233, 0.2607



18.0583, 0.3310, 0.3323



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.



52.5440, 0.3794, 0.3392



53.3964, 0.3992, 0.3414



68.8781, 0.3675, 0.3782



16.0701, 0.3290, 0.3320



10.7320, 0.6295, 0.3384



0.9925, 0.6100, 0.3539

Inverse Universe

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



72.2363, 0.2673, 0.3185



79.1407, 0.2590, 0.3160



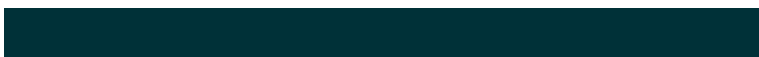
53.7449, 0.2622, 0.2742



17.5798, 0.2981, 0.3260



28.9874, 0.2139, 0.2900



2.5034, 0.2154, 0.2956

Previews

White Background



This preview shows how the Yxy color 52.5415, 0.3794, 0.3392 looks on a white background.

Color Contrast Check

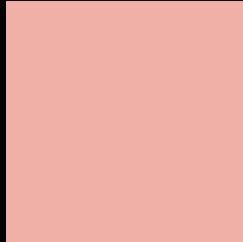
Large Text (above 18pt) WCAG AA × Fail

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 52.5415, 0.3794, 0.3392 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 52.5415, 0.3794, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 52.5415, 0.3794, 0.3392.



This preview shows how white text looks on a background with the Yxy color 52.5415, 0.3794, 0.3392.

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

52.5415, 0.3794, 0.3392

Protanopia

52.6361, 0.3326, 0.3488

Deuteranopia

52.6302, 0.3596, 0.3527



Tritanopia

52.4870, 0.3647, 0.3150

Trichromacy



Original Color

52.5415, 0.3794, 0.3392

Protanomaly

52.5434, 0.3490, 0.3458

Deuteranomaly

52.7031, 0.3667, 0.3476

Tritanomaly

52.4040, 0.3699, 0.3237

Monochromacy



Original Color

52.5415, 0.3794, 0.3392

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8502, 0.3354, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5415, 0.3794, 0.3392 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(241, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 176, 167)  
}
```

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(241, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 176, 167) }
```

Border

The CSS property to change the border of an element to Yxy 52.5415, 0.3794, 0.3392 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(241, 176, 167) }
```

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

```
.border{ border-color:rgb(241, 176, 167) }
```

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

Here you see how a box with a 4 pixel rgb(241, 176, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 176, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 176, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 176,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5415, 0.3794, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 176, 167) }
```

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

```
.background{ background-color: rgb(241,  
176, 167) }
```

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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