

Converting Colors

$Yxy(51.5767, 0.3790, 0.3388)$

Have a look what the booklet for
Yxy(51.5767, 0.3790, 0.3388)
contains.

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Color

Yxy(51.7638, 0.3788, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	EFAFA6
RGB	239, 175, 166
RGB Percent	94%, 69%, 65%
CMY	0.0628, 0.3137, 0.3489
CMYK	0.00, 0.27, 0.31, 0.06
HSL	7°, 69%, 79%
HSV	7°, 31%, 94%
XYZ	57.8070, 51.7638, 43.0348
YIQ	193.1100, 41.0330, 10.7690

Conversions

Conversions Part 2

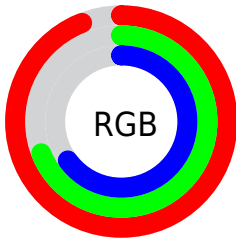
Format	Color
R _Y B	239, 176, 166
Decimal	15708070
CIE Lab	77.14, 22.16, 13.81
CIE LCh	77, 26.115, 31.928
Yxy	51.7638, 0.3788, 0.3392
Android (android.graphics.Color)	4293898150 (0xFFEFAFA6)
YUV	193.1100, -13.3652, 40.2455
Hunter-Lab	71.9471, 17.5112, 14.8989

Details

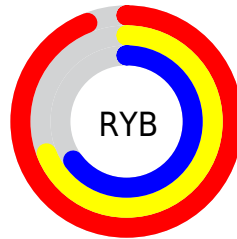
The Yxy color **51.7638, 0.3788, 0.3392** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.9349, 0.2676, 0.3185**, and the grayscale version is **53.4604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6323, 0.3359, 0.3390**, and **25.0791, 0.3980, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **43.4341, 0.4106, 0.3426**, and if you desaturate by 10%, it is **61.5273, 0.3525, 0.3357**.

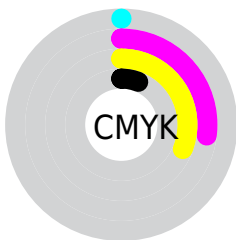
Distribution



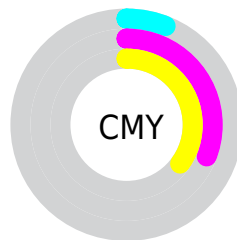
- Red (94%)
- Green (69%)
- Blue (65%)



- Red (94%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7638, 0.3788, 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 51.7638, 0.3788, 0.3392 by changing the saturation by 10% instead.

 51.7638, 0.3788,
0.3392


 51.7638, 0.3788,
0.3392


393.5241, 0.3460,
0.3350

 36.8168, 0.3869,
0.3400


 92.7828, 0.3670,
0.3379

 25.0657, 0.3972,
0.3408


 119.6236, 0.3625,
0.3373

 16.1260, 0.4107,
0.3417


151.1979, 0.3587,
0.3368

 9.6134, 0.4293,
0.3424

187.8899, 0.3554,
0.3364

 5.1434, 0.4563,
0.3424

230.0842, 0.3526,
0.3360

 2.3316, 0.4984,
0.3402

278.1650, 0.3501,

 0.7904, 0.6354,

0.3356

0.3646

332.5168, 0.3480,
0.3353

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7638, 0.3788,
0.3392

51.7638, 0.3788,
0.3392

43.4341, 0.4106,
0.3426

61.5273, 0.3525,
0.3357

36.4635, 0.4481,
0.3456

72.7799, 0.3310,
0.3323

30.7818, 0.4906,
0.3477

85.5832, 0.3135,
0.3292

26.3096, 0.5354,
0.3481

97.0876, 0.3029,
0.3290

■ 22.9585, 0.5776,
0.3462

■ 20.6278, 0.6110,
0.3420

■ 19.2472, 0.6311,
0.3371

Harmonies

Analogous

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



51.7638, 0.3567, 0.3106



51.7638, 0.3788, 0.3392



51.7638, 0.3819, 0.3670

Triad

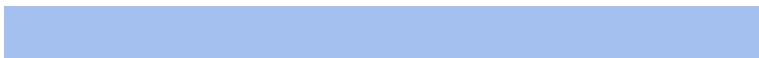
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7638, 0.3788, 0.3392



51.7638, 0.3000, 0.3769



51.7638, 0.2609, 0.2727

Complementary

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



51.7638, 0.3788, 0.3392



70.9349, 0.2676, 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.



51.7638, 0.2478, 0.2862



51.7638, 0.3788, 0.3392



51.7638, 0.2694, 0.3468

Square

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



51.7638, 0.3788, 0.3392



51.7638, 0.3352, 0.3917



51.7638, 0.2508, 0.3129



51.7638, 0.2877, 0.2735

Rectangle

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



51.7638, 0.3788, 0.3392



51.7638, 0.3728, 0.3817



51.7638, 0.2508, 0.3129



51.7638, 0.2548, 0.2756

Sweetspot

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



51.7662, 0.3788, 0.3392



86.4345, 0.3282, 0.3318



51.3705, 0.3232, 0.2611



18.0610, 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.



51.7662, 0.3788, 0.3392



53.4273, 0.3991, 0.3415



67.6988, 0.3671, 0.3779



16.0723, 0.3290, 0.3320



10.7382, 0.6294, 0.3384



0.9936, 0.6098, 0.3540

Inverse Universe

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



70.9349, 0.2676, 0.3185



79.0920, 0.2590, 0.3159



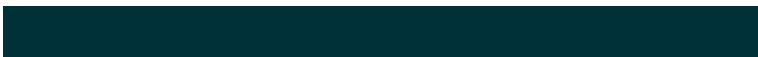
52.9224, 0.2626, 0.2746



17.5773, 0.2981, 0.3260



28.9322, 0.2138, 0.2897



2.4993, 0.2154, 0.2953

Previews

White Background



This preview shows how the Yxy color 51.7638, 0.3788, 0.3392 looks on a white background.

Color Contrast Check

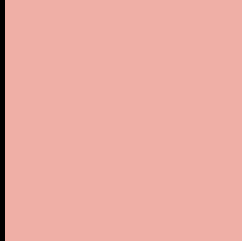
Large Text (above 18pt) WCAG AA × Fail

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 51.7638, 0.3788, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

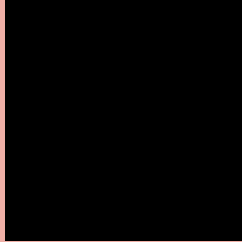
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7638, 0.3788, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 51.7638, 0.3788, 0.3392.



This preview shows how white text looks on a background with the Yxy color 51.7638, 0.3788, 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

51.7638, 0.3788, 0.3392

Protanopia

51.8887, 0.3318, 0.3490

Deuteranopia

52.0214, 0.3598, 0.3528



Tritanopia

51.7086, 0.3640, 0.3149

Trichromacy



Original Color

51.7638, 0.3788, 0.3392

Protanomaly

51.7843, 0.3483, 0.3459

Deuteranomaly

51.9331, 0.3661, 0.3477

Tritanomaly

51.6268, 0.3693, 0.3236

Monochromacy



Original Color

51.7638, 0.3788, 0.3392

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.2383, 0.3355, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7638, 0.3788, 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(239, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 166)  
}
```

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(239, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 51.7638, 0.3788, 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(239, 175, 166) }
```

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

```
.border{ border-color:rgb(239, 175, 166) }
```

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

Here you see how a box with a 4 pixel rgb(239, 175, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7638, 0.3788, 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(239, 175, 166) }
```

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

```
.background{ background-color: rgb(239,  
175, 166) }
```

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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