

Converting Colors

$Yxy(50.6957, 0.3893, 0.3376)$

Have a look what the booklet for
Yxy(50.6957, 0.3893, 0.3376)
contains.

Yxy(50.7706, 0.3898, 0.3380)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7706, 0.3898, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	F5AAA2
RGB	245, 170, 162
RGB Percent	96%, 67%, 64%
CMY	0.0392, 0.3333, 0.3648
CMYK	0.00, 0.31, 0.34, 0.04
HSL	6°, 81%, 80%
HSV	6°, 34%, 96%
XYZ	58.5514, 50.7706, 40.8869
YIQ	191.5130, 47.2680, 13.4120

Conversions

Conversions Part 2

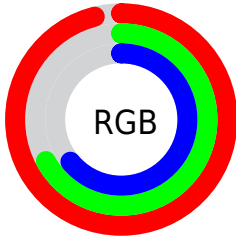
Format	Color
R _Y B	245, 171, 162
Decimal	16100002
CIE Lab	76.54, 26.56, 15.26
CIE LCh	77, 30.632, 29.881
Yxy	50.7706, 0.3898, 0.3380
Android (android.graphics.Color)	4294290082 (0xFFF5AAA2)
YUV	191.5130, -14.5499, 46.9081
Hunter-Lab	71.2535, 21.9859, 15.8555

Details

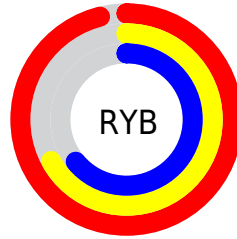
The Yxy color **50.7706, 0.3898, 0.3380** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.8260, 0.2634, 0.3197**, and the grayscale version is **52.4803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6625, 0.3394, 0.3381**, and **24.4132, 0.4122, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **42.3737, 0.4243, 0.3406**, and if you desaturate by 10%, it is **60.7388, 0.3612, 0.3352**.

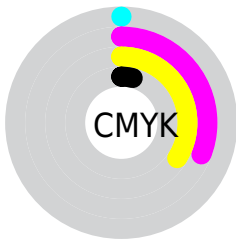
Distribution



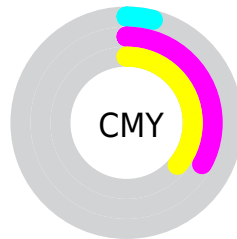
- Red (96%)
- Green (67%)
- Blue (64%)



- Red (96%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (4%)




- Cyan (4%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7706, 0.3898, 0.3380 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 50.7706, 0.3898, 0.3380 by changing the saturation by 10% instead.


 50.7706, 0.3898,
0.3380


 50.7706, 0.3898,
0.3380


389.6719, 0.3514,
0.3347

 36.0261, 0.3993,
0.3385


 91.3156, 0.3759,
0.3371

 24.4543, 0.4114,
0.3389


 117.8848, 0.3707,
0.3366

 15.6710, 0.4273,
0.3391


149.1645, 0.3662,
0.3362

 9.2916, 0.4491,
0.3388

185.5388, 0.3624,
0.3359

 4.9319, 0.4807,
0.3370

227.3924, 0.3591,
0.3355

 2.2074, 0.5297,
0.3312

275.1095, 0.3562,

 0.7240, 0.6654,

0.3352

0.3346

329.0745, 0.3537,
0.3349

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7706, 0.3898,
0.3380

50.7706, 0.3898,
0.3380

42.3737, 0.4243,
0.3406

60.7388, 0.3612,
0.3352

35.4611, 0.4646,
0.3428

72.3452, 0.3379,
0.3325

29.9482, 0.5093,
0.3439

85.6615, 0.3190,
0.3299

25.7394, 0.5547,
0.3435

98.1527, 0.3066,
0.3290

■ 22.7265, 0.5948,
0.3412

■ 20.7839, 0.6232,
0.3372

■ 20.0531, 0.6340,
0.3348

Harmonies

Analogous

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



50.7706, 0.3621, 0.3052



50.7706, 0.3898, 0.3380



50.7706, 0.3949, 0.3709

Triad

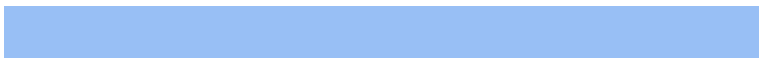
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.7706, 0.3898, 0.3380



50.7706, 0.3001, 0.3881



50.7706, 0.2504, 0.2636

Complementary

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



50.7706, 0.3898, 0.3380



74.8260, 0.2634, 0.3197

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.



50.7706, 0.2366, 0.2800



50.7706, 0.3898, 0.3380



50.7706, 0.2638, 0.3527

Square

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



50.7706, 0.3898, 0.3380



50.7706, 0.3415, 0.4039



50.7706, 0.2412, 0.3120



50.7706, 0.2805, 0.2637

Rectangle

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



50.7706, 0.3898, 0.3380



50.7706, 0.3850, 0.3891



50.7706, 0.2412, 0.3120



50.7706, 0.2438, 0.2672

Sweetspot

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



50.7730, 0.3898, 0.3380



84.6388, 0.3302, 0.3315



51.4248, 0.3223, 0.2510



17.6872, 0.3329, 0.3319



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.



50.7730, 0.3898, 0.3380



48.8120, 0.4140, 0.3399



68.3164, 0.3752, 0.3807



16.7401, 0.3291, 0.3314



10.8904, 0.6325, 0.3360



1.0422, 0.6167, 0.3485

Inverse Universe

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



74.8260, 0.2634, 0.3197



78.9864, 0.2545, 0.3174



54.0110, 0.2570, 0.2709



18.4678, 0.2981, 0.3266



31.6134, 0.2162, 0.2984



2.8565, 0.2174, 0.3025

Previews

White Background



This preview shows how the Yxy color 50.7706, 0.3898, 0.3380 looks on a white background.

Color Contrast Check

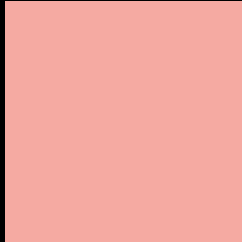
Large Text (above 18pt) WCAG AA × Fail

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 50.7706, 0.3898, 0.3380 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 50.7706, 0.3898, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 50.7706, 0.3898, 0.3380.



This preview shows how white text looks on a background with the Yxy color 50.7706, 0.3898, 0.3380.

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

50.7706, 0.3898, 0.3380

Protanopia

51.2058, 0.3335, 0.3516

Deuteranopia

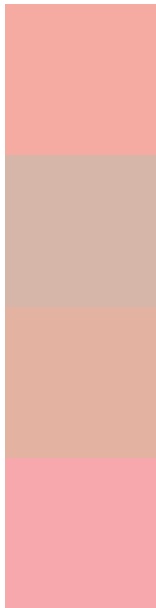
50.8994, 0.3630, 0.3554



Tritanopia

50.7069, 0.3755, 0.3151

Trichromacy



Original Color

50.7706, 0.3898, 0.3380

Protanomaly

50.5792, 0.3524, 0.3460

Deuteranomaly

50.9080, 0.3724, 0.3488

Tritanomaly

50.6152, 0.3809, 0.3238

Monochromacy



Original Color

50.7706, 0.3898, 0.3380

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4661, 0.3384, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7706, 0.3898, 0.3380 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(245, 170, 162)` looks like.

```
.text, #text, p{  
    color:rgb(245, 170, 162)  
}
```

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(245, 170, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 170, 162) }
```

Border

The CSS property to change the border of an element to Yxy 50.7706, 0.3898, 0.3380 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(245, 170, 162) }
```

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

```
.border{ border-color:rgb(245, 170, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 170, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(245, 170,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7706, 0.3898, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 170, 162) }
```

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

```
.background{ background-color: rgb(245,  
170, 162) }
```

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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