

Converting Colors

$Yxy(49.9437, 0.3798, 0.3292)$

Have a look what the booklet for
Yxy(49.9437, 0.3798, 0.3292)
contains.

Yxy(49.9413, 0.3798, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9413, 0.3798, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	F1A9A9
RGB	241, 169, 169
RGB Percent	95%, 66%, 66%
CMY	0.0550, 0.3372, 0.3372
CMYK	0.00, 0.30, 0.30, 0.06
HSL	0°, 72%, 80%
HSV	0°, 30%, 94%
XYZ	57.6176, 49.9413, 44.1462
YIQ	190.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

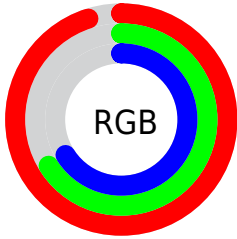
Format	Color
R_{YB}	241, 169, 169
Decimal	15837609
CIE _{Lab}	76.03, 26.47, 10.65
CIE _{LCh}	76, 28.532, 21.919
Yxy	49.9413, 0.3798, 0.3292
Android (android.graphics.Color)	4294027689 (0xFFFF1A9A9)
YUV	190.5280, -10.6133, 44.2639
Hunter-Lab	70.6692, 21.8626, 12.4307

Details

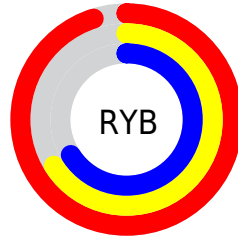
The Yxy color **49.9413, 0.3798, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.6735, 0.2696, 0.3289**, and the grayscale version is **51.8583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4922, 0.3347, 0.3301**, and **23.8424, 0.3985, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **40.9648, 0.4139, 0.3293**, and if you desaturate by 10%, it is **60.7413, 0.3522, 0.3291**.

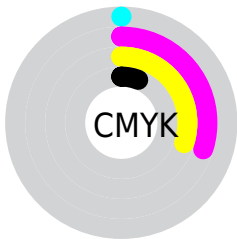
Distribution



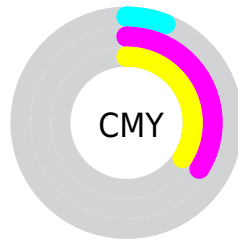
- Red (95%)
- Green (66%)
- Blue (66%)



- Red (95%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9413, 0.3798, 0.3292 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 49.9413, 0.3798, 0.3292 by changing the saturation by 10% instead.


 49.9413, 0.3798,
0.3292

 49.9413, 0.3798,
0.3292


386.4363, 0.3463,
0.3299

 35.3668, 0.3881,
0.3288


 90.0879, 0.3677,
0.3296

 23.9455, 0.3987,
0.3282


 116.4287, 0.3631,
0.3297

 15.2932, 0.4128,
0.3272


147.4605, 0.3592,
0.3298

 9.0254, 0.4322,
0.3254

183.5675, 0.3559,
0.3298

 4.7578, 0.4606,
0.3219

225.1342, 0.3530,
0.3298

 2.1059, 0.5057,
0.3144

272.5450, 0.3505,

 0.6679, 0.6709,

0.3299

0.3291

326.1842, 0.3483,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9413, 0.3798,
0.3292

49.9413, 0.3798,
0.3292

40.9648, 0.4139,
0.3293

60.7413, 0.3522,
0.3291

33.7046, 0.4547,
0.3294

73.4499, 0.3301,
0.3291

28.0534, 0.5012,
0.3296

88.1558, 0.3125,
0.3290

23.8890, 0.5495,
0.3297

97.4349, 0.3041,
0.3290

■ 21.0715, 0.5931,
0.3298

■ 19.4346, 0.6242,
0.3299

■ 18.7033, 0.6399,
0.3300

■ 18.6952, 0.6401,
0.3300

Harmonies

Analogous

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



49.9413, 0.3496, 0.2992



49.9413, 0.3798, 0.3292



49.9413, 0.3906, 0.3608

Triad

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



49.9413, 0.3798, 0.3292



49.9413, 0.3113, 0.3901



49.9413, 0.2490, 0.2701

Complementary

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



49.9413, 0.3798, 0.3292



77.6735, 0.2696, 0.3289

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.



49.9413, 0.2405, 0.2899



49.9413, 0.3798, 0.3292



49.9413, 0.2749, 0.3610

Square

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



49.9413, 0.3798, 0.3292



49.9413, 0.3496, 0.3991



49.9413, 0.2496, 0.3230



49.9413, 0.2738, 0.2660

Rectangle

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



49.9413, 0.3798, 0.3292



49.9413, 0.3853, 0.3794



49.9413, 0.2496, 0.3230



49.9413, 0.2443, 0.2750

Sweetspot

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



49.9437, 0.3798, 0.3292



84.8313, 0.3285, 0.3290



53.4256, 0.3162, 0.2547



17.6702, 0.3313, 0.3291



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.



49.9437, 0.3798, 0.3292



50.1792, 0.4003, 0.3293



65.2184, 0.3683, 0.3681



15.7590, 0.3293, 0.3291



10.1413, 0.6401, 0.3300



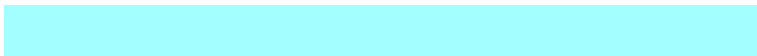
0.8437, 0.6401, 0.3300

Inverse Universe

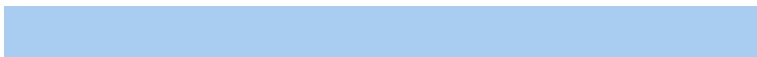
The Inverse Universe completely reimagines the original color for something new.



77.6735, 0.2696, 0.3289



86.5437, 0.2620, 0.3288



58.4440, 0.2649, 0.2863



17.9288, 0.2981, 0.3290



37.5539, 0.2247, 0.3287



3.1242, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 49.9413, 0.3798, 0.3292 looks on a white background.

Color Contrast Check

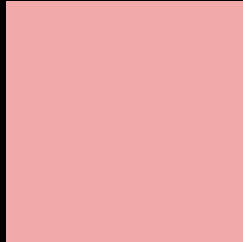
Large Text (above 18pt) WCAG AA × Fail

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 49.9413, 0.3798, 0.3292 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 49.9413, 0.3798, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 49.9413, 0.3798, 0.3292.



This preview shows how white text looks on a background with the Yxy color 49.9413, 0.3798, 0.3292.

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

49.9413, 0.3798, 0.3292

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

50.1339, 0.3536, 0.3460



Tritanopia

49.8100, 0.3709, 0.3149

Trichromacy



Original Color

49.9413, 0.3798, 0.3292

Protanomaly

49.4393, 0.3433, 0.3352

Deuteranomaly

50.1187, 0.3628, 0.3397

Tritanomaly

50.0171, 0.3744, 0.3204

Monochromacy



Original Color

49.9413, 0.3798, 0.3292

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.8412, 0.3351, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9413, 0.3798, 0.3292 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, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 169)  
}
```

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, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 169) }
```

Border

The CSS property to change the border of an element to Yxy 49.9413, 0.3798, 0.3292 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, 169, 169) }
```

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

```
.border{ border-color:rgb(241, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9413, 0.3798, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 169, 169) }
```

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

```
.background{ background-color: rgb(241,  
169, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor