

Converting Colors

$Y_{xy}(49.2565, 0.3870, 0.3291)$

Have a look what the booklet for
Yxy(49.2565, 0.3870, 0.3291)
contains.

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Color

Yxy(49.2587, 0.3865, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	F4A6A6
RGB	244, 166, 166
RGB Percent	96%, 65%, 65%
CMY	0.0431, 0.3490, 0.3490
CMYK	0.00, 0.32, 0.32, 0.04
HSL	360°, 78%, 80%
HSV	360°, 32%, 96%
XYZ	57.8326, 49.2587, 42.5402
YIQ	189.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

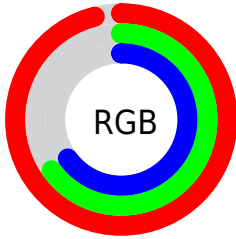
Format	Color
RYB	244, 166, 166
Decimal	16033446
CIELab	75.61, 28.81, 11.74
CIELCh	76, 31.111, 22.174
Yxy	49.2587, 0.3865, 0.3292
Android (android.graphics.Color)	4294223526 (0xFFFF4A6A6)
YUV	189.3220, -11.4977, 47.9526
Hunter-Lab	70.1845, 24.2624, 13.1923

Details

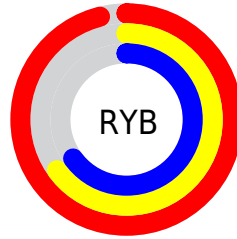
The Yxy color **49.2587, 0.3865, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.3508, 0.2670, 0.3289**, and the grayscale version is **51.1318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7230, 0.3372, 0.3301**, and **23.4643, 0.4079, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **40.4033, 0.4220, 0.3293**, and if you desaturate by 10%, it is **59.9716, 0.3576, 0.3291**.

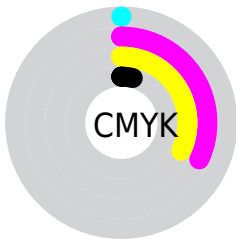
Distribution



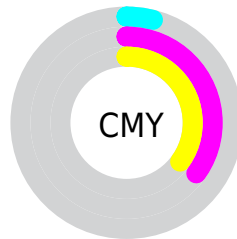
- Red (96%)
- Green (65%)
- Blue (65%)



- Red (96%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2587, 0.3865, 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 49.2587, 0.3865, 0.3292 by changing the saturation by 10% instead.


 49.2587, 0.3865,
0.3292

 49.2587, 0.3865,
0.3292


383.7599, 0.3496,
0.3300

 34.8247, 0.3957,
0.3287


 89.0756, 0.3731,
0.3297

 23.5279, 0.4074,
0.3280


 115.2272, 0.3681,
0.3298

 14.9838, 0.4230,
0.3267


146.0536, 0.3638,
0.3299

 8.8080, 0.4444,
0.3245

181.9391, 0.3602,
0.3300

 4.6162, 0.4758,
0.3202

223.2681, 0.3570,
0.3300

 2.0239, 0.5255,
0.3110

270.4249, 0.3542,

 0.6213, 0.6895,

0.3300

0.3105

323.7941, 0.3518,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.2587, 0.3865,
0.3292

49.2587, 0.3865,
0.3292

40.4033, 0.4220,
0.3293

59.9716, 0.3576,
0.3291

33.2933, 0.4643,
0.3294

72.6318, 0.3344,
0.3291

27.8155, 0.5116,
0.3296

87.3317, 0.3159,
0.3290

23.8403, 0.5596,
0.3297

97.9763, 0.3060,
0.3290

■ 21.2188, 0.6011,
0.3298

■ 19.7713, 0.6288,
0.3299

■ 19.2364, 0.6401,
0.3300

Harmonies

Analogous

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



49.2587, 0.3534, 0.2968



49.2587, 0.3865, 0.3292



49.2587, 0.3981, 0.3636

Triad

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



49.2587, 0.3865, 0.3292



49.2587, 0.3106, 0.3962



49.2587, 0.2435, 0.2646

Complementary

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



49.2587, 0.3865, 0.3292



79.3508, 0.2670, 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.



49.2587, 0.2341, 0.2858



49.2587, 0.3865, 0.3292



49.2587, 0.2710, 0.3639

Square

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



49.2587, 0.3865, 0.3292



49.2587, 0.3525, 0.4060



49.2587, 0.2437, 0.3218



49.2587, 0.2704, 0.2606

Rectangle

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



49.2587, 0.3865, 0.3292



49.2587, 0.3919, 0.3839



49.2587, 0.2437, 0.3218



49.2587, 0.2383, 0.2698

Sweetspot

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



49.2611, 0.3865, 0.3292



83.2611, 0.3304, 0.3290



52.8084, 0.3154, 0.2492



17.3574, 0.3333, 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.



49.2611, 0.3865, 0.3292



48.2205, 0.4074, 0.3293



65.0359, 0.3736, 0.3697



16.4826, 0.3294, 0.3290



10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Inverse Universe

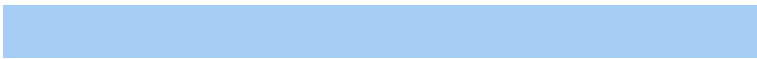
The Inverse Universe completely reimagines the original color for something new.



49.2611, 0.3865, 0.3292



48.2205, 0.4074, 0.3293



58.9303, 0.2615, 0.2843



16.4826, 0.3294, 0.3290



10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 49.2587, 0.3865, 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 49.2587, 0.3865, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

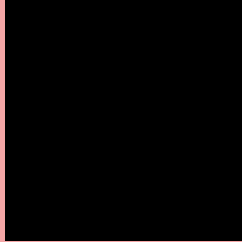
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2587, 0.3865, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 49.2587, 0.3865, 0.3292.



This preview shows how white text looks on a background with the Yxy color 49.2587, 0.3865, 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

49.2587, 0.3865, 0.3292

Protanopia

49.4986, 0.3249, 0.3405

Deuteranopia

49.4330, 0.3564, 0.3497



Tritanopia

49.1377, 0.3774, 0.3150

Trichromacy



Original Color

49.2587, 0.3865, 0.3292

Protanomaly

49.1062, 0.3461, 0.3364

Deuteranomaly

49.1876, 0.3670, 0.3421

Tritanomaly

49.3399, 0.3810, 0.3205

Monochromacy



Original Color

49.2587, 0.3865, 0.3292

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.9393, 0.3371, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2587, 0.3865, 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(244, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(244, 166, 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(244, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 166, 166) }
```

Border

The CSS property to change the border of an element to Yxy 49.2587, 0.3865, 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(244, 166, 166) }
```

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

```
.border{ border-color:rgb(244, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(244, 166,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2587, 0.3865, 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(244, 166, 166) }
```

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

```
.background{ background-color: rgb(244,  
166, 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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