

Converting Colors

$Yxy(48.2512, 0.3914, 0.3292)$

Have a look what the booklet for
Yxy(48.2512, 0.3914, 0.3292)
contains.

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Color

Yxy(48.2512, 0.3914, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3A3
RGB	245, 163, 163
RGB Percent	96%, 64%, 64%
CMY	0.0392, 0.3608, 0.3607
CMYK	0.00, 0.33, 0.33, 0.04
HSL	360°, 80%, 80%
HSV	360°, 33%, 96%
XYZ	57.3679, 48.2512, 40.9520
YIQ	187.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

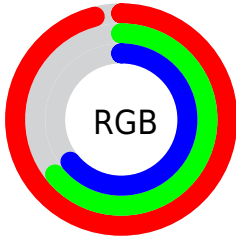
Format	Color
R _Y B	245, 163, 163
Decimal	16098211
CIE Lab	74.98, 30.38, 12.50
CIE LCh	75, 32.855, 22.363
Yxy	48.2512, 0.3914, 0.3292
Android (android.graphics.Color)	4294288291 (0xFFF5A3A3)
YUV	187.5180, -12.0874, 50.4117
Hunter-Lab	69.4631, 25.8585, 13.6697

Details

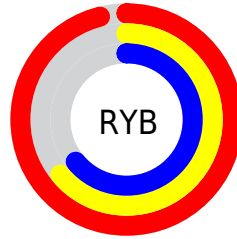
The Yxy color **48.2512, 0.3914, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.6872, 0.2651, 0.3289**, and the grayscale version is **50.0531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9850, 0.3397, 0.3301**, and **22.8644, 0.4150, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **39.5849, 0.4280, 0.3293**, and if you desaturate by 10%, it is **58.7775, 0.3615, 0.3291**.

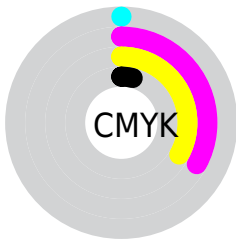
Distribution



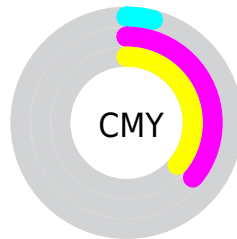
- Red (96%)
- Green (64%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2512, 0.3914, 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 48.2512, 0.3914, 0.3292 by changing the saturation by 10% instead.


 48.2512, 0.3914,
0.3292


 48.2512, 0.3914,
0.3292

379.7870, 0.3519,
0.3301

 34.0259, 0.4013,
0.3287


 87.5783, 0.3770,
0.3298

 22.9135, 0.4139,
0.3278


 113.4488, 0.3716,
0.3299

 14.5296, 0.4306,
0.3263


143.9699, 0.3671,
0.3300

 8.4899, 0.4538,
0.3237

179.5259, 0.3632,
0.3301

 4.4100, 0.4877,
0.3187

220.5012, 0.3598,
0.3301

 1.9055, 0.5414,
0.3080

267.2802, 0.3568,

 0.5517, 0.7086,

0.3301

0.2914

320.2473, 0.3542,
0.3301

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2512, 0.3914,
0.3292

48.2512, 0.3914,
0.3292

39.5849, 0.4280,
0.3293

58.7775, 0.3615,
0.3291

32.6640, 0.4711,
0.3294

71.2557, 0.3375,
0.3291

27.3722, 0.5189,
0.3296

85.7799, 0.3184,
0.3290

23.5764, 0.5664,
0.3297

98.1538, 0.3066,
0.3290

■ 21.1221, 0.6063,
0.3298

■ 19.8219, 0.6315,
0.3299

■ 19.4140, 0.6401,
0.3300

Harmonies

Analogous

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



48.2512, 0.3562, 0.2950



48.2512, 0.3914, 0.3292



48.2512, 0.4035, 0.3655

Triad

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



48.2512, 0.3914, 0.3292



48.2512, 0.3100, 0.4007



48.2512, 0.2396, 0.2607

Complementary

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



48.2512, 0.3914, 0.3292



79.6872, 0.2651, 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.



48.2512, 0.2295, 0.2827



48.2512, 0.3914, 0.3292



48.2512, 0.2681, 0.3659

Square

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



48.2512, 0.3914, 0.3292



48.2512, 0.3544, 0.4110



48.2512, 0.2394, 0.3209



48.2512, 0.2680, 0.2567

Rectangle

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



48.2512, 0.3914, 0.3292



48.2512, 0.3967, 0.3871



48.2512, 0.2394, 0.3209



48.2512, 0.2340, 0.2660

Sweetspot

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



48.2535, 0.3914, 0.3292



83.2613, 0.3304, 0.3290



51.9563, 0.3155, 0.2455



17.3575, 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.



48.2535, 0.3914, 0.3292



46.3435, 0.4148, 0.3293



64.5987, 0.3771, 0.3717



16.4826, 0.3294, 0.3290



10.4580, 0.6400, 0.3300



0.9192, 0.6400, 0.3299

Inverse Universe

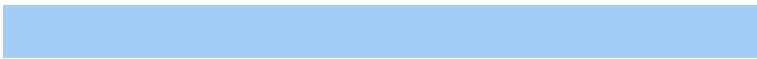
The Inverse Universe completely reimagines the original color for something new.



48.2535, 0.3914, 0.3292



46.3435, 0.4148, 0.3293



58.2197, 0.2591, 0.2819



16.4826, 0.3294, 0.3290



10.4580, 0.6400, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 48.2512, 0.3914, 0.3292 looks on a white background.

Color Contrast Check

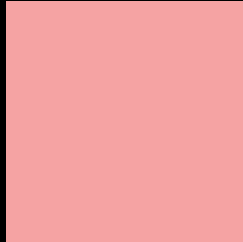
Large Text (above 18pt) WCAG AA × Fail

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 48.2512, 0.3914, 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 48.2512, 0.3914, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 48.2512, 0.3914, 0.3292.



This preview shows how white text looks on a background with the Yxy color 48.2512, 0.3914, 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

48.2512, 0.3914, 0.3292

Protanopia

48.4133, 0.3267, 0.3418

Deuteranopia

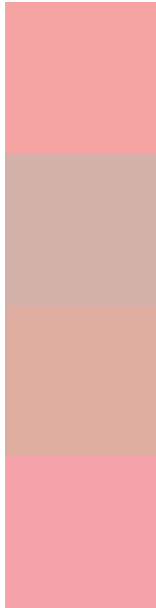
48.3759, 0.3587, 0.3511



Tritanopia

48.1386, 0.3822, 0.3151

Trichromacy



Original Color

48.2512, 0.3914, 0.3292

Protanomaly

47.8018, 0.3494, 0.3364

Deuteranomaly

48.3076, 0.3704, 0.3433

Tritanomaly

48.3358, 0.3858, 0.3205

Monochromacy



Original Color

48.2512, 0.3914, 0.3292

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0502, 0.3392, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2512, 0.3914, 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(245, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 163)  
}
```

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, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 163) }
```

Border

The CSS property to change the border of an element to Yxy 48.2512, 0.3914, 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(245, 163, 163) }
```

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

```
.border{ border-color:rgb(245, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2512, 0.3914, 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(245, 163, 163) }
```

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

```
.background{ background-color: rgb(245,  
163, 163) }
```

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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