

Converting Colors

$Y_{xy}(49.2283, 0.3815, 0.3292)$

Have a look what the booklet for
Yxy(49.2283, 0.3815, 0.3292)
contains.

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Color

Yxy(49.1282, 0.3824, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7A7
RGB	241, 167, 167
RGB Percent	95%, 65%, 65%
CMY	0.0549, 0.3451, 0.3451
CMYK	0.00, 0.31, 0.31, 0.05
HSL	360°, 73%, 80%
HSV	360°, 31%, 95%
XYZ	57.0675, 49.1282, 43.0394
YIQ	189.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

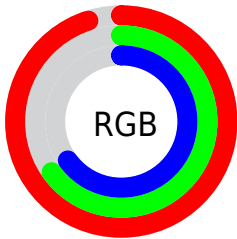
Format	Color
R _Y B	241, 167, 167
Decimal	15837095
CIE Lab	75.53, 27.28, 11.03
CIE LCh	76, 29.429, 22.017
Yxy	49.1282, 0.3824, 0.3292
Android (android.graphics.Color)	4294027175 (0xFFFF1A7A7)
YUV	189.1260, -10.9081, 45.4935
Hunter-Lab	70.0915, 22.6720, 12.6573

Details

The Yxy color **49.1282, 0.3824, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.4712, 0.2686, 0.3289**, and the grayscale version is **51.0110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3093, 0.3363, 0.3301**, and **23.3397, 0.4023, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **40.2977, 0.4170, 0.3293**, and if you desaturate by 10%, it is **59.7746, 0.3543, 0.3291**.

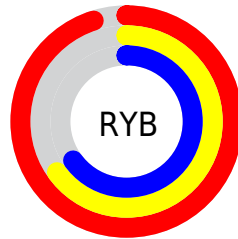
Distribution



Red (95%)

Green (65%)

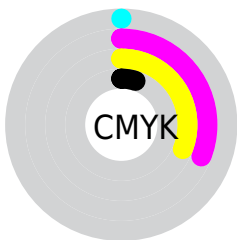
Blue (65%)



Red (95%)

Yellow (65%)

Blue (65%)

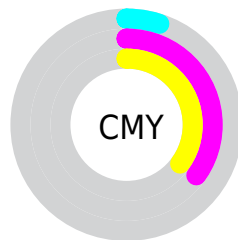


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1282, 0.3824, 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 49.1282, 0.3824, 0.3292 by changing the saturation by 10% instead.


 49.1282, 0.3824,
0.3292


 49.1282, 0.3824,
0.3292


383.2468, 0.3475,
0.3299

 34.7212, 0.3911,
0.3288


 88.8818, 0.3697,
0.3296

 23.4482, 0.4022,
0.3281


 114.9972, 0.3650,
0.3298

 14.9248, 0.4169,
0.3270


145.7842, 0.3610,
0.3298

 8.7666, 0.4373,
0.3250

181.6272, 0.3575,
0.3299

 4.5893, 0.4672,
0.3212

222.9105, 0.3545,
0.3299

 2.0084, 0.5147,
0.3128

270.0187, 0.3519,

 0.6123, 0.6826,

0.3299

0.3174

323.3360, 0.3496,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.1282, 0.3824,
0.3292

49.1282, 0.3824,
0.3292

40.2977, 0.4170,
0.3293

59.7746, 0.3543,
0.3291

33.1754, 0.4584,
0.3294

72.3229, 0.3318,
0.3291

27.6529, 0.5052,
0.3296

86.8620, 0.3138,
0.3290

23.6066, 0.5535,
0.3297

97.4389, 0.3041,
0.3290

■ 20.8948, 0.5963,
0.3298

■ 19.3484, 0.6261,
0.3299

■ 18.6990, 0.6401,
0.3300

Harmonies

Analogous

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



49.1282, 0.3511, 0.2983



49.1282, 0.3824, 0.3292



49.1282, 0.3935, 0.3619

Triad

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



49.1282, 0.3824, 0.3292



49.1282, 0.3110, 0.3925



49.1282, 0.2469, 0.2680

Complementary

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



49.1282, 0.3824, 0.3292



77.4712, 0.2686, 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.



49.1282, 0.2380, 0.2883



49.1282, 0.3824, 0.3292



49.1282, 0.2734, 0.3621

Square

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



49.1282, 0.3824, 0.3292



49.1282, 0.3507, 0.4018



49.1282, 0.2473, 0.3226



49.1282, 0.2725, 0.2639

Rectangle

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



49.1282, 0.3824, 0.3292



49.1282, 0.3879, 0.3811



49.1282, 0.2473, 0.3226



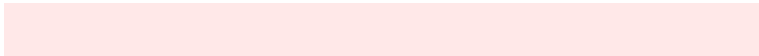
49.1282, 0.2419, 0.2730

Sweetspot

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



49.1305, 0.3824, 0.3292



84.8305, 0.3285, 0.3290



52.4741, 0.3153, 0.2524



17.6700, 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.



49.1305, 0.3824, 0.3292



49.1885, 0.4038, 0.3293



64.0912, 0.3706, 0.3680



15.7589, 0.3293, 0.3291



10.1410, 0.6401, 0.3300



0.8436, 0.6401, 0.3300

Inverse Universe

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



49.1305, 0.3824, 0.3292



49.1885, 0.4038, 0.3293



58.3410, 0.2636, 0.2864



15.7589, 0.3293, 0.3291



10.1410, 0.6401, 0.3300



0.8436, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 49.1282, 0.3824, 0.3292 looks on a white background.

Color Contrast Check

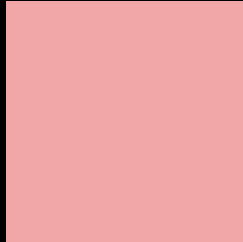
Large Text (above 18pt) WCAG AA × Fail

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 49.1282, 0.3824, 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 49.1282, 0.3824, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 49.1282, 0.3824, 0.3292.



This preview shows how white text looks on a background with the Yxy color 49.1282, 0.3824, 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

49.1282, 0.3824, 0.3292

Protanopia

49.4986, 0.3249, 0.3405

Deuteranopia

49.3562, 0.3537, 0.3473



Tritanopia

49.0019, 0.3734, 0.3149

Trichromacy



Original Color

49.1282, 0.3824, 0.3292

Protanomaly

48.9590, 0.3452, 0.3364

Deuteranomaly

49.1011, 0.3643, 0.3397

Tritanomaly

49.2057, 0.3769, 0.3204

Monochromacy



Original Color

49.1282, 0.3824, 0.3292

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.7938, 0.3362, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1282, 0.3824, 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, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 167)  
}
```

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, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 167) }
```

Border

The CSS property to change the border of an element to Yxy 49.1282, 0.3824, 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, 167, 167) }
```

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

```
.border{ border-color:rgb(241, 167, 167) }
```

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

Here you see how a box with a 4 pixel rgb(241, 167, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1282, 0.3824, 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, 167, 167) }
```

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

```
.background{ background-color: rgb(241,  
167, 167) }
```

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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