

Converting Colors

$Y_{xy}(48.9591, 0.3929, 0.3263)$

Have a look what the booklet for
Yxy(48.9591, 0.3929, 0.3263)
contains.

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Color

Yxy(49.0507, 0.3931, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	F9A3A5
RGB	249, 163, 165
RGB Percent	98%, 64%, 65%
CMY	0.0236, 0.3607, 0.3529
CMYK	0.00, 0.35, 0.34, 0.02
HSL	359°, 88%, 81%
HSV	359°, 35%, 98%
XYZ	58.9478, 49.0507, 41.9578
YIQ	188.9420, 50.6140, 18.8540

Conversions

Conversions Part 2

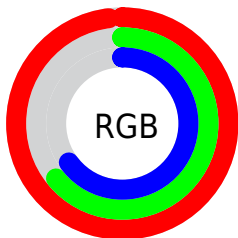
Format	Color
R _Y B	249, 163, 165
Decimal	16360357
CIE Lab	75.48, 32.07, 12.19
CIE LCh	75, 34.312, 20.810
Yxy	49.0507, 0.3931, 0.3271
Android (android.graphics.Color)	4294550437 (0xFFF9A3A5)
YUV	188.9420, -11.8034, 52.6709
Hunter-Lab	70.0362, 27.6759, 13.5055

Details

The Yxy color **49.0507, 0.3931, 0.3271** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.2370, 0.2647, 0.3311**, and the grayscale version is **50.9026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0903, 0.3383, 0.3281**, and **23.2913, 0.4159, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **40.2606, 0.4295, 0.3266**, and if you desaturate by 10%, it is **59.7543, 0.3632, 0.3277**.

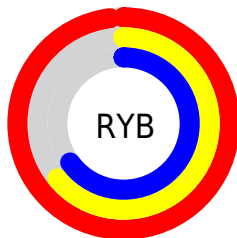
Distribution



Red (98%)

Green (64%)

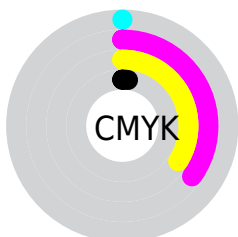
Blue (65%)



Red (98%)

Yellow (64%)

Blue (65%)

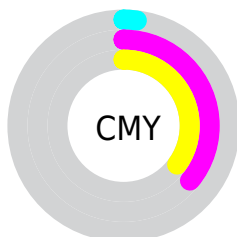


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0507, 0.3931, 0.3271 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 49.0507, 0.3931, 0.3271 by changing the saturation by 10% instead.

 49.0507, 0.3931,
0.3271


 49.0507, 0.3931,
0.3271


382.9419, 0.3529,
0.3291

 34.6597, 0.4031,
0.3263


 88.7667, 0.3785,
0.3281

 23.4009, 0.4159,
0.3251


 114.8606, 0.3730,
0.3283

 14.8898, 0.4328,
0.3232


145.6242, 0.3684,
0.3286

 8.7421, 0.4561,
0.3201

181.4419, 0.3644,
0.3287

 4.5733, 0.4902,
0.3144

222.6981, 0.3609,
0.3288

 1.9992, 0.5437,
0.3027

269.7772, 0.3579,

 0.6070, 0.7082,

0.3289

0.2918

323.0637, 0.3552,
0.3290

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0507, 0.3931,
0.3271

49.0507, 0.3931,
0.3271

40.2606, 0.4295,
0.3266

59.7543, 0.3632,
0.3277

33.2646, 0.4724,
0.3263

72.4673, 0.3392,
0.3282

27.9414, 0.5198,
0.3263

87.2878, 0.3201,
0.3288

24.1513, 0.5667,
0.3267

98.8744, 0.3090,
0.3290

■ 21.7324, 0.6061,
0.3276

■ 20.4860, 0.6311,
0.3288

■ 20.1469, 0.6384,
0.3290

Harmonies

Analogous

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



49.0507, 0.3555, 0.2921



49.0507, 0.3931, 0.3271



49.0507, 0.4070, 0.3647

Triad

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



49.0507, 0.3931, 0.3271



49.0507, 0.3121, 0.4049



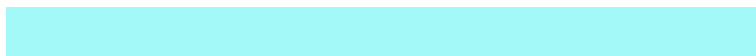
49.0507, 0.2359, 0.2589

Complementary

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



49.0507, 0.3931, 0.3271



82.2370, 0.2647, 0.3311

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.



49.0507, 0.2266, 0.2825



49.0507, 0.3931, 0.3271



49.0507, 0.2684, 0.3697

Square

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



49.0507, 0.3931, 0.3271



49.0507, 0.3581, 0.4140



49.0507, 0.2378, 0.3228



49.0507, 0.2644, 0.2539

Rectangle

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



49.0507, 0.3931, 0.3271



49.0507, 0.4008, 0.3875



49.0507, 0.2378, 0.3228



49.0507, 0.2306, 0.2647

Sweetspot

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



49.0531, 0.3931, 0.3271



83.2938, 0.3300, 0.3285



52.6518, 0.3144, 0.2426



17.3652, 0.3328, 0.3284



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.



49.0531, 0.3931, 0.3271



45.5118, 0.4161, 0.3268



65.5534, 0.3802, 0.3716



17.2317, 0.3291, 0.3285



10.7900, 0.6377, 0.3287



1.0015, 0.6319, 0.3255

Inverse Universe

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



49.0531, 0.3931, 0.3271



45.5118, 0.4161, 0.3268



60.1594, 0.2575, 0.2819



17.2317, 0.3291, 0.3285



10.7900, 0.6377, 0.3287



1.0015, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 49.0507, 0.3931, 0.3271 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 49.0507, 0.3931, 0.3271 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 49.0507, 0.3931, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 49.0507, 0.3931, 0.3271.



This preview shows how white text looks on a background with the Yxy color 49.0507, 0.3931, 0.3271.

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

49.0507, 0.3931, 0.3271

Protanopia

49.4986, 0.3249, 0.3405

Deuteranopia

48.9950, 0.3575, 0.3498



Tritanopia

49.2206, 0.3855, 0.3164

Trichromacy



Original Color

49.0507, 0.3931, 0.3271



Protanomaly

49.0041, 0.3481, 0.3351



Deuteranomaly

48.7002, 0.3704, 0.3408



Tritanomaly

49.1049, 0.3885, 0.3196

Monochromacy



Original Color

49.0507, 0.3931, 0.3271



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.7867, 0.3399, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0507, 0.3931, 0.3271 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(249, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(249, 163, 165)  
}
```

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(249, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 163, 165) }
```

Border

The CSS property to change the border of an element to Yxy 49.0507, 0.3931, 0.3271 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(249, 163, 165) }
```

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

```
.border{ border-color:rgb(249, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(249, 163,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0507, 0.3931, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 163, 165) }
```

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

```
.background{ background-color: rgb(249,  
163, 165) }
```

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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