

Converting Colors

$Y_{xy}(49.5779, 0.4074, 0.3354)$

Have a look what the booklet for
Yxy(49.5779, 0.4074, 0.3354)
contains.

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Color

Yxy(49.5010, 0.4079, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FFA29C
RGB	255, 162, 156
RGB Percent	100%, 64%, 61%
CMY	0.0000, 0.3647, 0.3883
CMYK	0.00, 0.36, 0.39, 0.00
HSL	4°, 100%, 81%
HSV	4°, 39%, 100%
XYZ	60.1653, 49.5010, 37.8338
YIQ	189.1230, 57.3540, 17.8500

Conversions

Conversions Part 2

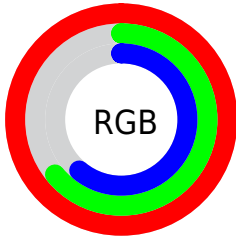
Format	Color
R _Y B	255, 162, 156
Decimal	16753308
CIE Lab	75.76, 33.79, 17.60
CIE LCh	76, 38.097, 27.522
Yxy	49.5010, 0.4079, 0.3356
Android (android.graphics.Color)	4294943388 (0xFFFFA29C)
YUV	189.1230, -16.3296, 57.7741
Hunter-Lab	70.3569, 29.5184, 17.3673

Details

The Yxy color **49.5010, 0.4079, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.0373, 0.2577, 0.3222**, and the grayscale version is **51.0318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0560, 0.3456, 0.3372**, and **23.6930, 0.4348, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **41.0748, 0.4465, 0.3372**, and if you desaturate by 10%, it is **59.7144, 0.3756, 0.3339**.

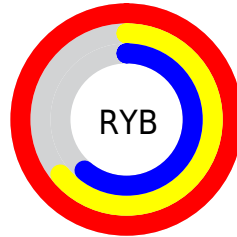
Distribution



Red (100%)

Green (64%)

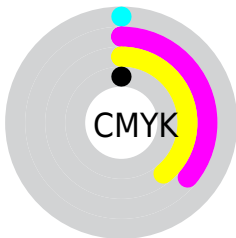
Blue (61%)



Red (100%)

Yellow (64%)

Blue (61%)

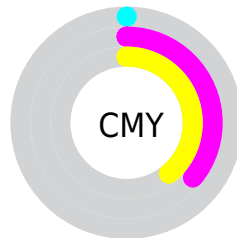


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5010, 0.4079, 0.3356 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 49.5010, 0.4079, 0.3356 by changing the saturation by 10% instead.


 49.5010, 0.4079,
0.3356

 49.5010, 0.4079,
0.3356


384.7113, 0.3603,
0.3340

 35.0171, 0.4197,
0.3355


 89.4351, 0.3907,
0.3354

 23.6760, 0.4347,
0.3351


 115.6540, 0.3842,
0.3352

 15.0935, 0.4544,
0.3341


146.5535, 0.3787,
0.3350

 8.8850, 0.4814,
0.3318

182.5177, 0.3739,
0.3348

 4.6663, 0.5201,
0.3266

223.9313, 0.3698,
0.3346

 2.0528, 0.5815,
0.3157

271.1785, 0.3663,

 0.6379, 0.7123,

0.3344

0.2877

324.6437, 0.3631,
0.3342

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.5010, 0.4079,
0.3356

49.5010, 0.4079,
0.3356

41.0748, 0.4465,
0.3372

59.7144, 0.3756,
0.3339

34.3349, 0.4907,
0.3382

71.8118, 0.3493,
0.3321

29.1672, 0.5377,
0.3384

85.8806, 0.3280,
0.3304

25.4441, 0.5818,
0.3375

100.0000, 0.3127,
0.3290

■ 23.0184, 0.6160,
0.3353

■ 21.7081, 0.6354,
0.3326

■ 21.6148, 0.6370,
0.3324

Harmonies

Analogous

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



49.5010, 0.3710, 0.2963



49.5010, 0.4079, 0.3356



49.5010, 0.4162, 0.3764

Triad

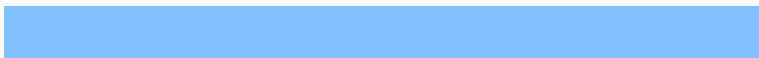
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.5010, 0.4079, 0.3356



49.5010, 0.3001, 0.4072



49.5010, 0.2336, 0.2489

Complementary

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



49.5010, 0.4079, 0.3356



82.0373, 0.2577, 0.3222

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.



49.5010, 0.2186, 0.2698



49.5010, 0.4079, 0.3356



49.5010, 0.2545, 0.3627

Square

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



49.5010, 0.4079, 0.3356



49.5010, 0.3515, 0.4240



49.5010, 0.2257, 0.3104



49.5010, 0.2688, 0.2482

Rectangle

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



49.5010, 0.4079, 0.3356



49.5010, 0.4047, 0.4003



49.5010, 0.2257, 0.3104



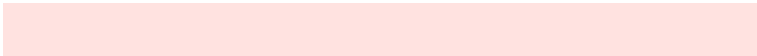
49.5010, 0.2263, 0.2536

Sweetspot

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



49.5003, 0.4079, 0.3356



81.1952, 0.3343, 0.3309



51.9408, 0.3212, 0.2370



16.9792, 0.3370, 0.3311



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.



49.5003, 0.4079, 0.3356



42.4837, 0.4390, 0.3369



69.9750, 0.3876, 0.3853



18.1637, 0.3293, 0.3305



11.3620, 0.6359, 0.3333



1.1655, 0.6262, 0.3410

Inverse Universe

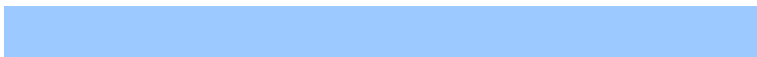
The Inverse Universe completely reimagines the original color for something new.



82.0373, 0.2577, 0.3222



79.3544, 0.2486, 0.3205



55.8503, 0.2490, 0.2647



20.2816, 0.2980, 0.3275



36.2758, 0.2194, 0.3099



3.5870, 0.2201, 0.3123

Previews

White Background



This preview shows how the Yxy color 49.5010, 0.4079, 0.3356 looks on a white background.

Color Contrast Check

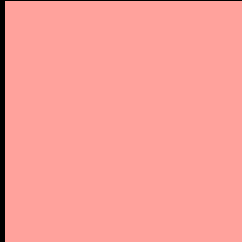
Large Text (above 18pt) WCAG AA × Fail

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 49.5010, 0.4079, 0.3356 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 49.5010, 0.4079, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 49.5010, 0.4079, 0.3356.



This preview shows how white text looks on a background with the Yxy color 49.5010, 0.4079, 0.3356.

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

49.5010, 0.4079, 0.3356

Protanopia

49.9699, 0.3346, 0.3531

Deuteranopia

49.6941, 0.3688, 0.3616



Tritanopia

49.3802, 0.3928, 0.3166

Trichromacy



Original Color

49.5010, 0.4079, 0.3356



Protanomaly

49.2728, 0.3597, 0.3459



Deuteranomaly

49.2092, 0.3833, 0.3510



Tritanomaly

49.5029, 0.3984, 0.3240

Monochromacy



Original Color

49.5010, 0.4079, 0.3356



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.5607, 0.3444, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5010, 0.4079, 0.3356 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(255, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 156)  
}
```

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(255, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 156) }
```

Border

The CSS property to change the border of an element to Yxy 49.5010, 0.4079, 0.3356 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(255, 162, 156) }
```

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

```
.border{ border-color:rgb(255, 162, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5010, 0.4079, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 156) }
```

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

```
.background{ background-color: rgb(255,  
162, 156) }
```

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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