

Converting Colors

$Y_{xy}(52.7095, 0.4100, 0.3408)$

Have a look what the booklet for
Yxy(52.7095, 0.4100, 0.3408)
contains.

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Color

Yxy(51.6996, 0.4043, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	FFA89D
RGB	255, 168, 157
RGB Percent	100%, 66%, 62%
CMY	0.0002, 0.3410, 0.3843
CMYK	0.00, 0.34, 0.38, 0.00
HSL	7°, 100%, 81%
HSV	7°, 38%, 100%
XYZ	61.3146, 51.6996, 38.6420
YIQ	192.7590, 55.3830, 15.0230

Conversions

Conversions Part 2

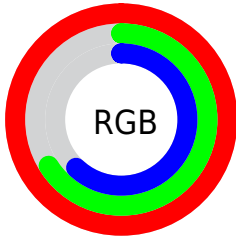
Format	Color
R _Y B	255, 169, 157
Decimal	16754845
CIE Lab	77.10, 30.73, 18.92
CIE LCh	77, 36.088, 31.617
Yxy	51.6996, 0.4043, 0.3409
Android (android.graphics.Color)	4294944925 (0xFFFFA89D)
YUV	192.7590, -17.6292, 54.5854
Hunter-Lab	71.9024, 26.3861, 18.4679

Details

The Yxy color **51.6996, 0.4043, 0.3409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.0326, 0.2573, 0.3165**, and the grayscale version is **53.2620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3248, 0.3431, 0.3412**, and **25.0378, 0.4294, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **43.2795, 0.4412, 0.3438**, and if you desaturate by 10%, it is **61.7595, 0.3733, 0.3377**.

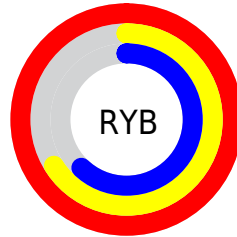
Distribution



Red (100%)

Green (66%)

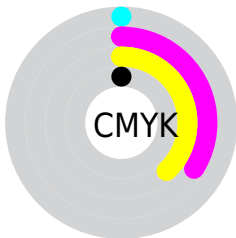
Blue (62%)



Red (100%)

Yellow (66%)

Blue (62%)

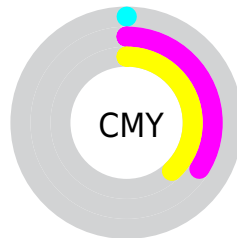


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6996, 0.4043, 0.3409 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 51.6996, 0.4043, 0.3409 by changing the saturation by 10% instead.


 51.6996, 0.4043,
0.3409


 51.6996, 0.4043,
0.3409

393.2758, 0.3588,
0.3366

 36.7657, 0.4154,
0.3415


 92.6881, 0.3879,
0.3397

 25.0261, 0.4296,
0.3419


 119.5114, 0.3817,
0.3392

 16.0965, 0.4481,
0.3420


151.0667, 0.3765,
0.3387

 9.5925, 0.4733,
0.3412

187.7383, 0.3719,
0.3382

 5.1296, 0.5090,
0.3384

229.9106, 0.3680,
0.3378

 2.3235, 0.5642,
0.3307

277.9680, 0.3646,

 0.7861, 0.6815,

0.3374

0.3185

332.2950, 0.3615,
0.3370

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6996, 0.4043,
0.3409

51.6996, 0.4043,
0.3409

43.2795, 0.4412,
0.3438

61.7595, 0.3733,
0.3377

36.4050, 0.4833,
0.3458

73.5317, 0.3479,
0.3345

30.9838, 0.5285,
0.3465

87.0938, 0.3271,
0.3314

26.9110, 0.5720,
0.3451

99.9908, 0.3127,
0.3290

■ 24.0671, 0.6076,
0.3415

■ 22.3089, 0.6300,
0.3365

■ 22.1164, 0.6326,
0.3359

Harmonies

Analogous

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



51.6996, 0.3730, 0.3031



51.6996, 0.4043, 0.3409



51.6996, 0.4082, 0.3788

Triad

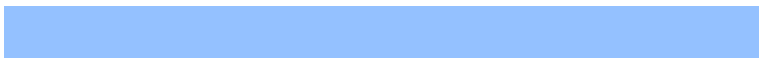
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.6996, 0.4043, 0.3409



51.6996, 0.2948, 0.3971



51.6996, 0.2420, 0.2527

Complementary

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



51.6996, 0.4043, 0.3409



79.0326, 0.2573, 0.3165

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.



51.6996, 0.2250, 0.2699



51.6996, 0.4043, 0.3409



51.6996, 0.2535, 0.3538

Square

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



51.6996, 0.4043, 0.3409



51.6996, 0.3429, 0.4170



51.6996, 0.2289, 0.3059



51.6996, 0.2775, 0.2543

Rectangle

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



51.6996, 0.4043, 0.3409



51.6996, 0.3953, 0.4000



51.6996, 0.2289, 0.3059



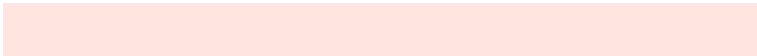
51.6996, 0.2341, 0.2562

Sweetspot

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



51.7021, 0.4043, 0.3409



82.0670, 0.3341, 0.3325



51.9645, 0.3252, 0.2421



17.1825, 0.3367, 0.3329



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.



51.7021, 0.4043, 0.3409



45.1935, 0.4317, 0.3431



72.6778, 0.3848, 0.3894



18.3165, 0.3292, 0.3317



11.6657, 0.6310, 0.3372



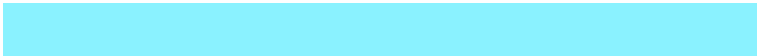
1.2376, 0.6151, 0.3498

Inverse Universe

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



79.0326, 0.2573, 0.3165



75.9716, 0.2484, 0.3136



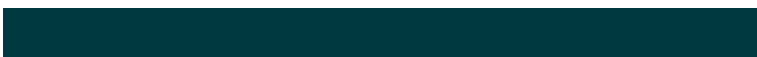
53.9438, 0.2488, 0.2594



20.1112, 0.2980, 0.3262



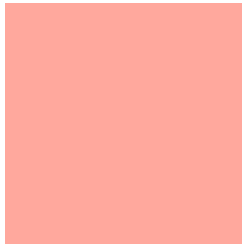
32.4086, 0.2147, 0.2930



3.2508, 0.2160, 0.2975

Previews

White Background



This preview shows how the Yxy color 51.6996, 0.4043, 0.3409 looks on a white background.

Color Contrast Check

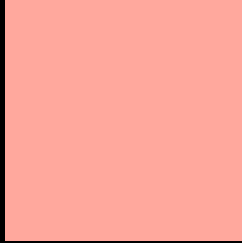
Large Text (above 18pt) WCAG AA × Fail

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 51.6996, 0.4043, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

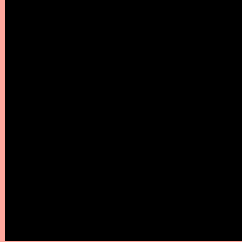
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6996, 0.4043, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 51.6996, 0.4043, 0.3409.



This preview shows how white text looks on a background with the Yxy color 51.6996, 0.4043, 0.3409.

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

51.6996, 0.4043, 0.3409

Protanopia

51.7962, 0.3375, 0.3565

Deuteranopia

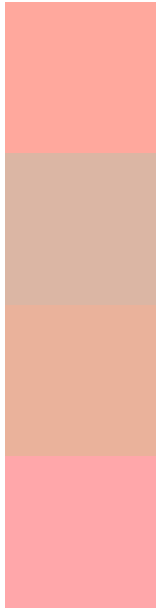
51.7297, 0.3714, 0.3633



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.6996, 0.4043, 0.3409

Protanomaly

51.1963, 0.3604, 0.3505

Deuteranomaly

51.6998, 0.3832, 0.3553

Tritanomaly

51.7997, 0.3923, 0.3261

Monochromacy



Original Color

51.6996, 0.4043, 0.3409

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1752, 0.3436, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6996, 0.4043, 0.3409 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, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 157)  
}
```

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, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 157) }
```

Border

The CSS property to change the border of an element to Yxy 51.6996, 0.4043, 0.3409 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, 168, 157) }
```

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

```
.border{ border-color:rgb(255, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6996, 0.4043, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 157) }
```

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

```
.background{ background-color: rgb(255,  
168, 157) }
```

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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