

Converting Colors

Yxy(50.4763, 0.4167, 0.3341)

Have a look what the booklet for
Yxy(50.4763, 0.4167, 0.3341)
contains.

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Color

Yxy(48.7682, 0.4097, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	FFA09B
RGB	255, 160, 155
RGB Percent	100%, 63%, 61%
CMY	0.0002, 0.3724, 0.3922
CMYK	0.00, 0.37, 0.39, 0.00
HSL	3°, 100%, 80%
HSV	3°, 39%, 100%
XYZ	59.7141, 48.7682, 37.2685
YIQ	187.8350, 58.2250, 18.5850

Conversions

Conversions Part 2

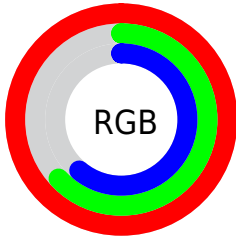
Format	Color
R_{YB}	255, 160, 155
Decimal	16752795
CIE Lab	75.31, 34.67, 17.52
CIE LCh	75, 38.848, 26.813
Yxy	48.7682, 0.4097, 0.3346
Android (android.graphics.Color)	4294942875 (0xFFFFA09B)
YUV	187.8350, -16.1877, 58.9037
Hunter-Lab	69.8342, 30.4225, 17.2426

Details

The Yxy color **48.7682, 0.4097, 0.3346** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.4976, 0.2575, 0.3232**, and the grayscale version is **50.2613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9752, 0.3467, 0.3362**, and **23.2506, 0.4376, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **40.4086, 0.4489, 0.3359**, and if you desaturate by 10%, it is **58.9476, 0.3770, 0.3331**.

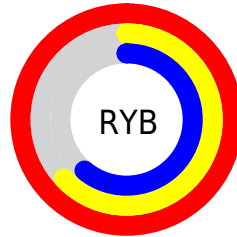
Distribution



Red (100%)

Green (63%)

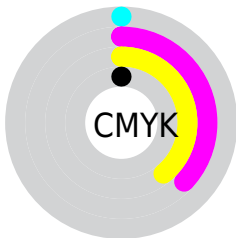
Blue (61%)



Red (100%)

Yellow (63%)

Blue (61%)

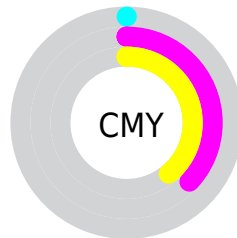


Cyan (0%)

Magenta (37%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7682, 0.4097, 0.3346 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 48.7682, 0.4097, 0.3346 by changing the saturation by 10% instead.

 48.7682, 0.4097,
0.3346

 48.7682, 0.4097,
0.3346


381.8291, 0.3611,
0.3335

 34.4356, 0.4218,
0.3344


 88.3471, 0.3921,
0.3346

 23.2285, 0.4371,
0.3338


 114.3622, 0.3854,
0.3345

 14.7623, 0.4574,
0.3325


145.0403, 0.3798,
0.3343

 8.6527, 0.4851,
0.3297

180.7657, 0.3750,
0.3342

 4.5154, 0.5250,
0.3239

221.9229, 0.3708,
0.3340

 1.9658, 0.5893,
0.3122

268.8963, 0.3672,

 0.5875, 0.7238,

0.3338

0.2762

322.0702, 0.3639,
0.3337

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7682, 0.4097,
0.3346

48.7682, 0.4097,
0.3346

40.4086, 0.4489,
0.3359

58.9476, 0.3770,
0.3331

33.7549, 0.4936,
0.3368

71.0375, 0.3503,
0.3316

28.6917, 0.5408,
0.3369

85.1314, 0.3288,
0.3302

25.0860, 0.5848,
0.3360

99.9917, 0.3127,
0.3290

■ 22.7837, 0.6183,
0.3342

■ 21.5917, 0.6366,
0.3320

■ 21.5364, 0.6376,
0.3319

Harmonies

Analogous

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



48.7682, 0.3712, 0.2946



48.7682, 0.4097, 0.3346



48.7682, 0.4189, 0.3764

Triad

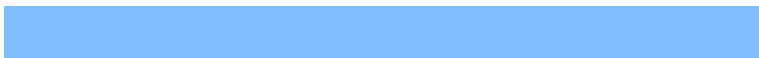
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.7682, 0.4097, 0.3346



48.7682, 0.3010, 0.4101



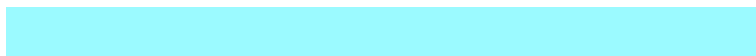
48.7682, 0.2312, 0.2473

Complementary

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



48.7682, 0.4097, 0.3346



82.4976, 0.2575, 0.3232

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.



48.7682, 0.2165, 0.2690



48.7682, 0.4097, 0.3346



48.7682, 0.2540, 0.3648

Square

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



48.7682, 0.4097, 0.3346



48.7682, 0.3535, 0.4264



48.7682, 0.2242, 0.3110



48.7682, 0.2667, 0.2462

Rectangle

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



48.7682, 0.4097, 0.3346



48.7682, 0.4075, 0.4010



48.7682, 0.2242, 0.3110



48.7682, 0.2239, 0.2522

Sweetspot

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



48.7706, 0.4097, 0.3346



81.0266, 0.3343, 0.3306



51.5884, 0.3213, 0.2362



16.9399, 0.3370, 0.3308



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.



48.7706, 0.4097, 0.3346



42.1232, 0.4397, 0.3356



69.6953, 0.3885, 0.3858



18.1341, 0.3293, 0.3303



11.3185, 0.6366, 0.3327



1.1515, 0.6284, 0.3392

Inverse Universe

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



82.4976, 0.2575, 0.3232



80.1020, 0.2489, 0.3219



55.4793, 0.2483, 0.2639



20.3149, 0.2980, 0.3277



37.0612, 0.2203, 0.3131



3.6549, 0.2209, 0.3151

Previews

White Background



This preview shows how the Yxy color 48.7682, 0.4097, 0.3346 looks on a white background.

Color Contrast Check

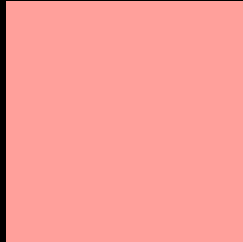
Large Text (above 18pt) WCAG AA × Fail

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 48.7682, 0.4097, 0.3346 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 48.7682, 0.4097, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 48.7682, 0.4097, 0.3346.



This preview shows how white text looks on a background with the Yxy color 48.7682, 0.4097, 0.3346.

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

48.7682, 0.4097, 0.3346

Protanopia

48.8625, 0.3332, 0.3508

Deuteranopia

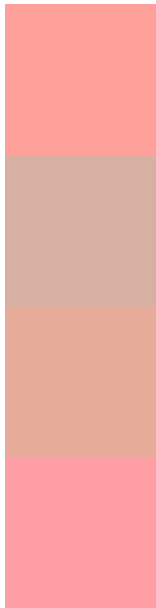
49.1061, 0.3691, 0.3617



Tritanopia

48.6160, 0.3955, 0.3166

Trichromacy



Original Color

48.7682, 0.4097, 0.3346

Protanomaly

48.2939, 0.3602, 0.3448

Deuteranomaly

48.6279, 0.3837, 0.3511

Tritanomaly

48.7729, 0.4001, 0.3229

Monochromacy



Original Color

48.7682, 0.4097, 0.3346

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.9724, 0.3446, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7682, 0.4097, 0.3346 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, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 155)  
}
```

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, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.7682, 0.4097, 0.3346 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, 160, 155) }
```

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

```
.border{ border-color:rgb(255, 160, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7682, 0.4097, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 155) }
```

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

```
.background{ background-color: rgb(255,  
160, 155) }
```

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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