

Converting Colors

Yxy(53.1718, 0.4001, 0.3389)

Have a look what the booklet for
Yxy(53.1718, 0.4001, 0.3389)
contains.

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Color

Yxy(52.9945, 0.3984, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	FFABA2
RGB	255, 171, 162
RGB Percent	100%, 67%, 64%
CMY	0.0000, 0.3295, 0.3646
CMYK	0.00, 0.33, 0.36, 0.00
HSL	6°, 100%, 82%
HSV	6°, 36%, 100%
XYZ	62.3354, 52.9945, 41.1345
YIQ	195.0900, 52.9530, 15.0090

Conversions

Conversions Part 2

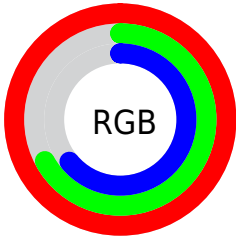
Format	Color
R _Y B	255, 172, 162
Decimal	16755618
CIE Lab	77.87, 29.79, 17.27
CIE LCh	78, 34.435, 30.095
Yxy	52.9945, 0.3984, 0.3387
Android (android.graphics.Color)	4294945698 (0xFFFFABA2)
YUV	195.0900, -16.3134, 52.5411
Hunter-Lab	72.7973, 25.4520, 17.4560

Details

The Yxy color **52.9945, 0.3984, 0.3387** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.8346, 0.2600, 0.3189**, and the grayscale version is **54.7008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2079, 0.3392, 0.3391**, and **25.8184, 0.4222, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **44.2155, 0.4345, 0.3412**, and if you desaturate by 10%, it is **63.4662, 0.3682, 0.3359**.

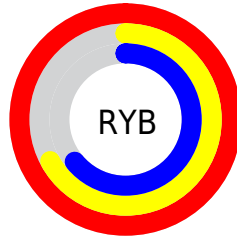
Distribution



Red (100%)

Green (67%)

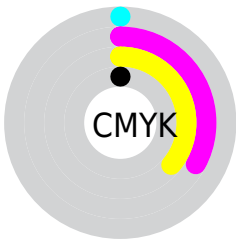
Blue (64%)



Red (100%)

Yellow (67%)

Blue (64%)

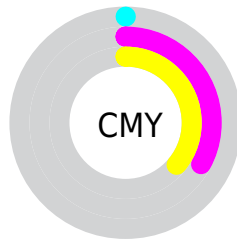


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9945, 0.3984, 0.3387 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 52.9945, 0.3984, 0.3387 by changing the saturation by 10% instead.

 52.9945, 0.3984,
0.3387

 52.9945, 0.3984,
0.3387

398.2640, 0.3560,
0.3353

 37.7984, 0.4088,
0.3391


 94.5963, 0.3832,
0.3378

 25.8262, 0.4219,
0.3394


 121.7707, 0.3774,
0.3374

 16.6937, 0.4391,
0.3394


153.7067, 0.3725,
0.3370

 10.0163, 0.4624,
0.3387


190.7887, 0.3683,
0.3366

 5.4098, 0.4956,
0.3362

233.4010, 0.3646,
0.3362

 2.4897, 0.5459,
0.3290

281.9281, 0.3614,

 0.8715, 0.6709,

0.3359

0.3291

336.7543, 0.3586,
0.3356

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9945, 0.3984,
0.3387

52.9945, 0.3984,
0.3387

44.2155, 0.4345,
0.3412

63.4662, 0.3682,
0.3359

37.0516, 0.4764,
0.3432

75.7262, 0.3436,
0.3332

31.4005, 0.5218,
0.3440

89.8481, 0.3236,
0.3306

27.1532, 0.5665,
0.3431

100.0000, 0.3127,
0.3290

■ 24.1860, 0.6041,
0.3402

■ 22.3533, 0.6285,
0.3359

■ 21.9380, 0.6342,
0.3346

Harmonies

Analogous

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



52.9945, 0.3678, 0.3028



52.9945, 0.3984, 0.3387



52.9945, 0.4036, 0.3749

Triad

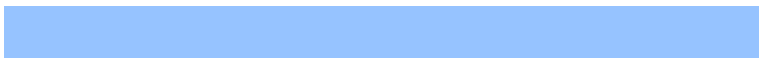
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.9945, 0.3984, 0.3387



52.9945, 0.2982, 0.3948



52.9945, 0.2443, 0.2569

Complementary

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



52.9945, 0.3984, 0.3387



80.8346, 0.2600, 0.3189

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.



52.9945, 0.2290, 0.2744



52.9945, 0.3984, 0.3387



52.9945, 0.2583, 0.3549

Square

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



52.9945, 0.3984, 0.3387



52.9945, 0.3438, 0.4123



52.9945, 0.2338, 0.3095



52.9945, 0.2773, 0.2574

Rectangle

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



52.9945, 0.3984, 0.3387



52.9945, 0.3923, 0.3952



52.9945, 0.2338, 0.3095



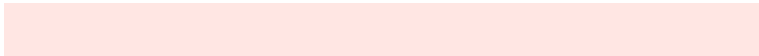
52.9945, 0.2370, 0.2607

Sweetspot

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



52.9904, 0.3984, 0.3387



83.2053, 0.3321, 0.3317



53.8385, 0.3232, 0.2451



17.4008, 0.3348, 0.3321



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.



52.9904, 0.3984, 0.3387



46.2235, 0.4251, 0.3407



73.1135, 0.3810, 0.3848



18.2687, 0.3292, 0.3314



11.5560, 0.6327, 0.3358



1.2151, 0.6185, 0.3471

Inverse Universe

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



80.8346, 0.2600, 0.3189



77.8507, 0.2510, 0.3165



56.5656, 0.2525, 0.2655



20.1642, 0.2980, 0.3266



33.5848, 0.2162, 0.2984



3.3534, 0.2173, 0.3022

Previews

White Background



This preview shows how the Yxy color 52.9945, 0.3984, 0.3387 looks on a white background.

Color Contrast Check

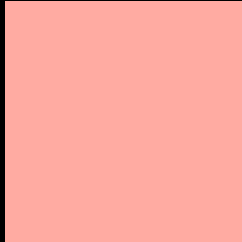
Large Text (above 18pt) WCAG AA × Fail

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 52.9945, 0.3984, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

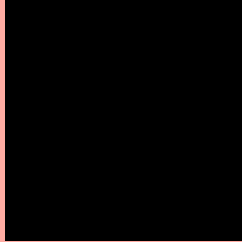
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9945, 0.3984, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 52.9945, 0.3984, 0.3387.



This preview shows how white text looks on a background with the Yxy color 52.9945, 0.3984, 0.3387.

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

52.9945, 0.3984, 0.3387

Protanopia

53.1339, 0.3349, 0.3525

Deuteranopia

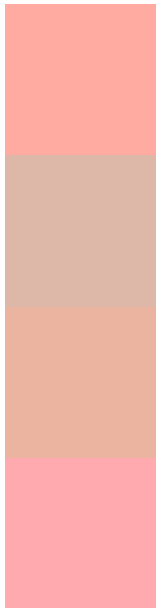
52.8891, 0.3674, 0.3596



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

52.9945, 0.3984, 0.3387

Protanomaly

52.5177, 0.3573, 0.3467

Deuteranomaly

52.8427, 0.3789, 0.3518

Tritanomaly

53.0654, 0.3874, 0.3250

Monochromacy



Original Color

52.9945, 0.3984, 0.3387

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.2884, 0.3416, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9945, 0.3984, 0.3387 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, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 162)  
}
```

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, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.9945, 0.3984, 0.3387 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, 171, 162) }
```

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

```
.border{ border-color:rgb(255, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9945, 0.3984, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 162) }
```

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

```
.background{ background-color: rgb(255,  
171, 162) }
```

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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