

Converting Colors

$Yxy(68.0126, 0.4520, 0.3336)$

Have a look what the booklet for
Yxy(68.0126, 0.4520, 0.3336)
contains.

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Color

Yxy(52.7261, 0.3959, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAA5
RGB	255, 170, 165
RGB Percent	100%, 67%, 65%
CMY	0.0001, 0.3333, 0.3528
CMYK	0.00, 0.33, 0.35, 0.00
HSL	3°, 100%, 82%
HSV	3°, 35%, 100%
XYZ	62.4044, 52.7261, 42.4961
YIQ	194.8450, 52.2650, 16.4650

Conversions

Conversions Part 2

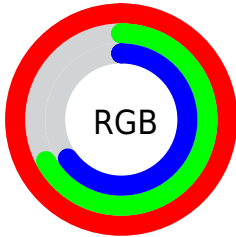
Format	Color
R _Y B	255, 170, 165
Decimal	16755365
CIE Lab	77.71, 30.64, 15.41
CIE LCh	78, 34.296, 26.709
Yxy	52.7261, 0.3959, 0.3345
Android (android.graphics.Color)	4294945445 (0xFFFFAAA5)
YUV	194.8450, -14.7136, 52.7559
Hunter-Lab	72.6127, 26.3330, 16.1298

Details

The Yxy color **52.7261, 0.3959, 0.3345** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5921, 0.2621, 0.3234**, and the grayscale version is **54.5444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8200, 0.3373, 0.3351**, and **25.6506, 0.4189, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **43.6720, 0.4324, 0.3360**, and if you desaturate by 10%, it is **63.6246, 0.3657, 0.3329**.

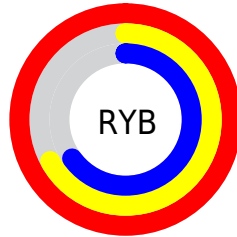
Distribution



Red (100%)

Green (67%)

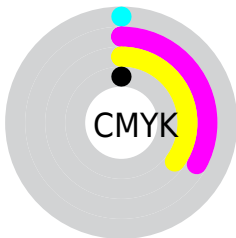
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

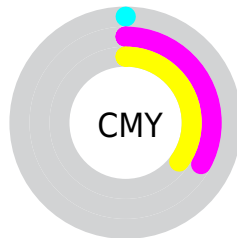


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7261, 0.3959, 0.3345 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 52.7261, 0.3959, 0.3345 by changing the saturation by 10% instead.


 52.7261, 0.3959,
0.3345

 52.7261, 0.3959,
0.3345


397.2334, 0.3547,
0.3330

 37.5842, 0.4060,
0.3345


 94.2012, 0.3811,
0.3343

 25.6601, 0.4188,
0.3343


 121.3032, 0.3755,
0.3341

 16.5695, 0.4355,
0.3337


153.1606, 0.3707,
0.3339

 9.9281, 0.4584,
0.3322

190.1579, 0.3666,
0.3337

 5.3513, 0.4910,
0.3288

232.6794, 0.3631,
0.3335

 2.4548, 0.5409,
0.3206

281.1095, 0.3599,

 0.8539, 0.6762,

0.3334

0.3238

335.8327, 0.3572,
0.3332

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7261, 0.3959,
0.3345

52.7261, 0.3959,
0.3345

43.6720, 0.4324,
0.3360

63.6246, 0.3657,
0.3329

36.3531, 0.4750,
0.3372

76.4534, 0.3412,
0.3313

30.6606, 0.5217,
0.3377

91.3026, 0.3215,
0.3298

26.4704, 0.5677,
0.3372

99.9976, 0.3127,
0.3290

■ 23.6404, 0.6061,
0.3356

■ 22.0010, 0.6306,
0.3330

■ 21.5753, 0.6373,
0.3322

Harmonies

Analogous

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



52.7261, 0.3630, 0.2992



52.7261, 0.3959, 0.3345



52.7261, 0.4042, 0.3710

Triad

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



52.7261, 0.3959, 0.3345



52.7261, 0.3033, 0.3979



52.7261, 0.2417, 0.2581

Complementary

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



52.7261, 0.3959, 0.3345



83.5921, 0.2621, 0.3234

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.



52.7261, 0.2287, 0.2777



52.7261, 0.3959, 0.3345



52.7261, 0.2623, 0.3599

Square

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



52.7261, 0.3959, 0.3345



52.7261, 0.3487, 0.4123



52.7261, 0.2358, 0.3143



52.7261, 0.2729, 0.2566

Rectangle

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



52.7261, 0.3959, 0.3345



52.7261, 0.3948, 0.3920



52.7261, 0.2358, 0.3143



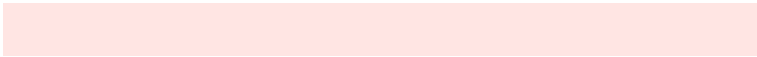
52.7261, 0.2352, 0.2626

Sweetspot

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



52.7287, 0.3959, 0.3345



82.5684, 0.3323, 0.3306



55.1092, 0.3204, 0.2451



17.2505, 0.3350, 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.



52.7287, 0.3959, 0.3345



46.4525, 0.4197, 0.3355



72.3235, 0.3794, 0.3801



18.1485, 0.3293, 0.3304



11.3391, 0.6362, 0.3330



1.1583, 0.6273, 0.3401

Inverse Universe

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



83.5921, 0.2621, 0.3234



81.2967, 0.2542, 0.3222



59.1268, 0.2550, 0.2716



20.2987, 0.2980, 0.3276



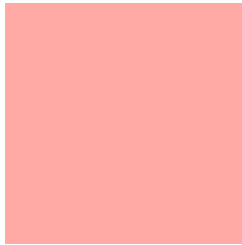
36.6772, 0.2199, 0.3116



3.6217, 0.2205, 0.3137

Previews

White Background



This preview shows how the Yxy color 52.7261, 0.3959, 0.3345 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 52.7261, 0.3959, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

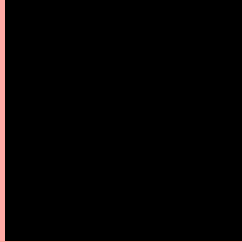
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7261, 0.3959, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 52.7261, 0.3959, 0.3345.



This preview shows how white text looks on a background with the Yxy color 52.7261, 0.3959, 0.3345.

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

52.7261, 0.3959, 0.3345

Protanopia

53.1132, 0.3317, 0.3488

Deuteranopia

52.8362, 0.3639, 0.3561



Tritanopia

52.6015, 0.3814, 0.3155

Trichromacy



Original Color

52.7261, 0.3959, 0.3345

Protanomaly

52.4752, 0.3539, 0.3432

Deuteranomaly

52.7793, 0.3754, 0.3484

Tritanomaly

52.7311, 0.3868, 0.3229

Monochromacy



Original Color

52.7261, 0.3959, 0.3345

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.3302, 0.3407, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7261, 0.3959, 0.3345 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, 170, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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(255, 170, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 165) }
```

Border

The CSS property to change the border of an element to Yxy 52.7261, 0.3959, 0.3345 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, 170, 165) }
```

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

```
.border{ border-color:rgb(255, 170, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7261, 0.3959, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 165) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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