

Converting Colors

$Yxy(52.2945, 0.4088, 0.3490)$

Have a look what the booklet for
Yxy(52.2945, 0.4088, 0.3490)
contains.

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Color

Yxy(52.2438, 0.4091, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	FFAA97
RGB	255, 170, 151
RGB Percent	100%, 67%, 59%
CMY	0.0002, 0.3332, 0.4079
CMYK	0.00, 0.33, 0.41, 0.00
HSL	11°, 100%, 80%
HSV	11°, 41%, 100%
XYZ	61.1879, 52.2438, 36.1354
YIQ	193.2490, 56.7590, 12.1110

Conversions

Conversions Part 2

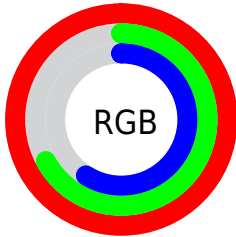
Format	Color
R _Y B	255, 174, 151
Decimal	16755351
CIE Lab	77.43, 29.03, 22.61
CIE LCh	77, 36.797, 37.914
Yxy	52.2438, 0.4091, 0.3493
Android (android.graphics.Color)	4294945431 (0xFFFFAA97)
YUV	193.2490, -20.8288, 54.1556
Hunter-Lab	72.2799, 24.6179, 20.9546

Details

The Yxy color **52.2438, 0.4091, 0.3493** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.7417, 0.2531, 0.3071**, and the grayscale version is **53.5838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0605, 0.3477, 0.3503**, and **25.3784, 0.4359, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **44.3039, 0.4451, 0.3538**, and if you desaturate by 10%, it is **61.6050, 0.3783, 0.3442**.

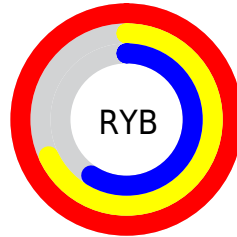
Distribution



Red (100%)

Green (67%)

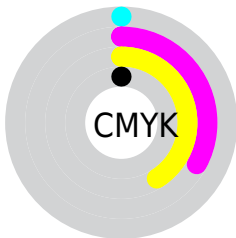
Blue (59%)



Red (100%)

Yellow (68%)

Blue (59%)

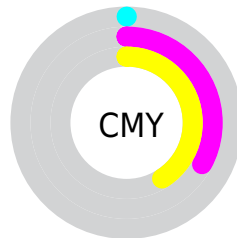


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2438, 0.4091, 0.3493 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 52.2438, 0.4091, 0.3493 by changing the saturation by 10% instead.


 52.2438, 0.4091,
0.3493

 52.2438, 0.4091,
0.3493


395.3771, 0.3614,
0.3412

 37.1994, 0.4207,
0.3507


 93.4907, 0.3919,
0.3468

 25.3619, 0.4354,
0.3521


 120.4620, 0.3854,
0.3458

 16.3469, 0.4546,
0.3534


152.1778, 0.3799,
0.3448

 9.7700, 0.4804,
0.3540

189.0224, 0.3752,
0.3440

 5.2467, 0.5167,
0.3527

231.3802, 0.3710,
0.3432

 2.3927, 0.5752,
0.3489

279.6357, 0.3674,

 0.8221, 0.6702,

0.3425

0.3298

334.1732, 0.3642,
0.3418

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2438, 0.4091,
0.3493

52.2438, 0.4091,
0.3493

44.3039, 0.4451,
0.3538

61.6050, 0.3783,
0.3442

37.7079, 0.4856,
0.3570

72.4448, 0.3526,
0.3390

32.3826, 0.5282,
0.3579

84.8265, 0.3314,
0.3340

28.2443, 0.5689,
0.3558

98.8076, 0.3139,
0.3293

■ 25.1991, 0.6022,
0.3503

99.9913, 0.3127,
0.3290

■ 23.2588, 0.6233,
0.3433

Harmonies

Analogous

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



52.2438, 0.3826, 0.3104



52.2438, 0.4091, 0.3493



52.2438, 0.4069, 0.3868

Triad

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



52.2438, 0.4091, 0.3493



52.2438, 0.2847, 0.3905



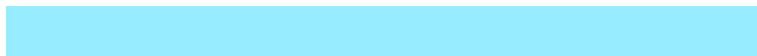
52.2438, 0.2470, 0.2503

Complementary

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



52.2438, 0.4091, 0.3493



73.7417, 0.2531, 0.3071

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.



52.2438, 0.2256, 0.2637



52.2438, 0.4091, 0.3493



52.2438, 0.2457, 0.3437

Square

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



52.2438, 0.4091, 0.3493



52.2438, 0.3331, 0.4168



52.2438, 0.2251, 0.2964



52.2438, 0.2864, 0.2558

Rectangle

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



52.2438, 0.4091, 0.3493



52.2438, 0.3902, 0.4064



52.2438, 0.2251, 0.2964



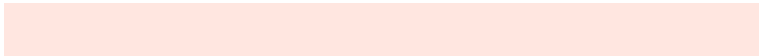
52.2438, 0.2377, 0.2526

Sweetspot

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



52.2464, 0.4091, 0.3493



83.2585, 0.3338, 0.3346



49.5348, 0.3320, 0.2431



17.4607, 0.3364, 0.3353



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.



52.2464, 0.4091, 0.3493



45.6315, 0.4383, 0.3531



74.8306, 0.3872, 0.3997



18.5248, 0.3290, 0.3334



12.3118, 0.6210, 0.3451



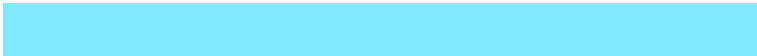
1.3367, 0.6010, 0.3610

Inverse Universe

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



73.7417, 0.2531, 0.3071



69.7526, 0.2431, 0.3019



48.7664, 0.2433, 0.2457



19.8825, 0.2980, 0.3245



27.6285, 0.2081, 0.2692



2.8303, 0.2102, 0.2768

Previews

White Background



This preview shows how the Yxy color 52.2438, 0.4091, 0.3493 looks on a white background.

Color Contrast Check

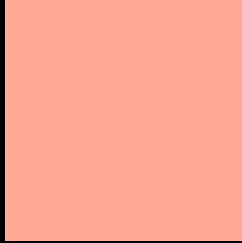
Large Text (above 18pt) WCAG AA × Fail

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 52.2438, 0.4091, 0.3493 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 52.2438, 0.4091, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 52.2438, 0.4091, 0.3493.



This preview shows how white text looks on a background with the Yxy color 52.2438, 0.4091, 0.3493.

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

52.2438, 0.4091, 0.3493

Protanopia

52.3914, 0.3455, 0.3663

Deuteranopia

52.4266, 0.3789, 0.3711



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.2438, 0.4091, 0.3493



Protanomaly

51.6734, 0.3680, 0.3598



Deuteranomaly

52.2430, 0.3900, 0.3630



Tritanomaly

52.1298, 0.3929, 0.3282

Monochromacy



Original Color

52.2438, 0.4091, 0.3493



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.5112, 0.3451, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2438, 0.4091, 0.3493 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 151) }
```

Border

The CSS property to change the border of an element to Yxy 52.2438, 0.4091, 0.3493 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, 151) }
```

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

```
.border{ border-color:rgb(255, 170, 151) }
```

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, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2438, 0.4091, 0.3493 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
170, 151) }
```

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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