

Converting Colors

Yxy(53.2120, 0.4212, 0.3487)

Have a look what the booklet for
Yxy(53.2120, 0.4212, 0.3487)
contains.

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Color

Yxy(51.4352, 0.4120, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	FFA895
RGB	255, 168, 149
RGB Percent	100%, 66%, 58%
CMY	0.0000, 0.3412, 0.4158
CMYK	0.00, 0.34, 0.42, 0.00
HSL	11°, 100%, 79%
HSV	11°, 42%, 100%
XYZ	60.6679, 51.4352, 35.1491
YIQ	191.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

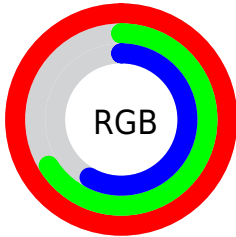
Format	Color
R _Y B	255, 172, 149
Decimal	16754837
CIE Lab	76.94, 29.89, 23.05
CIE LCh	77, 37.745, 37.632
Yxy	51.4352, 0.4120, 0.3493
Android (android.graphics.Color)	4294944917 (0xFFFFA895)
YUV	191.8470, -21.1236, 55.3852
Hunter-Lab	71.7183, 25.4895, 21.1449

Details

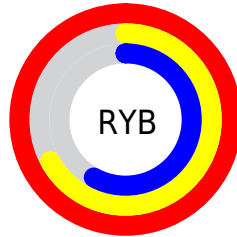
The Yxy color **51.4352, 0.4120, 0.3493** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.5745, 0.2522, 0.3070**, and the grayscale version is **52.7170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8831, 0.3495, 0.3504**, and **24.8791, 0.4399, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **43.5952, 0.4485, 0.3536**, and if you desaturate by 10%, it is **60.6975, 0.3807, 0.3444**.

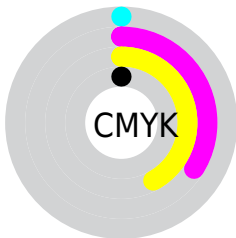
Distribution



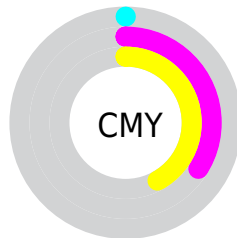
- Red (100%)
- Green (66%)
- Blue (58%)



- Red (100%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4352, 0.4120, 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 51.4352, 0.4120, 0.3493 by changing the saturation by 10% instead.

 51.4352, 0.4120,
0.3493

 51.4352, 0.4120,
0.3493


392.2523, 0.3627,
0.3413

 36.5551, 0.4240,
0.3506


 92.2977, 0.3943,
0.3469

 24.8632, 0.4393,
0.3519


 119.0490, 0.3875,
0.3458

 15.9752, 0.4591,
0.3530


150.5260, 0.3818,
0.3449

 9.5066, 0.4859,
0.3534

187.1132, 0.3769,
0.3440

 5.0731, 0.5235,
0.3515

229.1951, 0.3727,
0.3433

 2.2902, 0.5866,
0.3479

277.1560, 0.3689,

 0.7685, 0.6788,

0.3425

0.3212

331.3802, 0.3656,
0.3419

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4352, 0.4120,
0.3493

51.4352, 0.4120,
0.3493

43.5952, 0.4485,
0.3536

60.6975, 0.3807,
0.3444

37.1044, 0.4894,
0.3566

71.4463, 0.3546,
0.3393

31.8863, 0.5322,
0.3573

83.7440, 0.3330,
0.3343

27.8554, 0.5726,
0.3549

97.6490, 0.3152,
0.3297

■ 24.9152, 0.6051, 100.0000, 0.3127,
0.3491 0.3290

■ 23.1974, 0.6238,
0.3429

Harmonies

Analogous

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



51.4352, 0.3844, 0.3094



51.4352, 0.4120, 0.3493



51.4352, 0.4099, 0.3880

Triad

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



51.4352, 0.4120, 0.3493



51.4352, 0.2842, 0.3930



51.4352, 0.2448, 0.2481

Complementary

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



51.4352, 0.4120, 0.3493



73.5745, 0.2522, 0.3070

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.



51.4352, 0.2231, 0.2619



51.4352, 0.4120, 0.3493



51.4352, 0.2440, 0.3445

Square

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



51.4352, 0.4120, 0.3493



51.4352, 0.3341, 0.4199



51.4352, 0.2227, 0.2956



51.4352, 0.2851, 0.2536

Rectangle

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



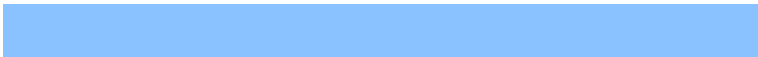
51.4352, 0.4120, 0.3493



51.4352, 0.3927, 0.4084



51.4352, 0.2227, 0.2956



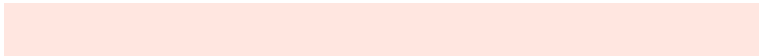
51.4352, 0.2353, 0.2505

Sweetspot

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



51.4358, 0.4120, 0.3493



83.1985, 0.3338, 0.3345



48.8775, 0.3325, 0.2414



17.4466, 0.3364, 0.3352



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.



51.4358, 0.4120, 0.3493



44.7439, 0.4424, 0.3530



74.4344, 0.3889, 0.4011



18.5143, 0.3290, 0.3333



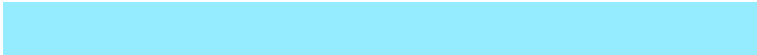
12.2724, 0.6216, 0.3447



1.3314, 0.6018, 0.3604

Inverse Universe

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



73.5745, 0.2522, 0.3070



69.5436, 0.2420, 0.3018



48.0163, 0.2418, 0.2437



19.8939, 0.2980, 0.3246



27.8559, 0.2085, 0.2704



2.8505, 0.2105, 0.2778

Previews

White Background



This preview shows how the Yxy color 51.4352, 0.4120, 0.3493 looks on a white background.

Color Contrast Check

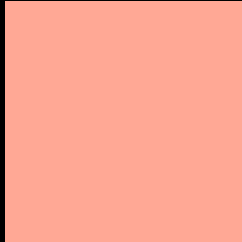
Large Text (above 18pt) WCAG AA × Fail

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 51.4352, 0.4120, 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 51.4352, 0.4120, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 51.4352, 0.4120, 0.3493.



This preview shows how white text looks on a background with the Yxy color 51.4352, 0.4120, 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

51.4352, 0.4120, 0.3493

Protanopia

51.7476, 0.3465, 0.3677

Deuteranopia

51.6303, 0.3792, 0.3726



Tritanopia

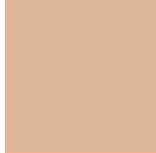
51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.4352, 0.4120, 0.3493



Protanomaly

51.1946, 0.3700, 0.3611



Deuteranomaly

51.6095, 0.3913, 0.3642



Tritanomaly

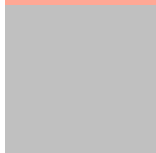
51.3225, 0.3955, 0.3282

Monochromacy



Original Color

51.4352, 0.4120, 0.3493



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.4486, 0.3463, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4352, 0.4120, 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, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 149) }
```

Border

The CSS property to change the border of an element to Yxy 51.4352, 0.4120, 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, 168, 149) }
```

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

```
.border{ border-color:rgb(255, 168, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4352, 0.4120, 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, 168, 149) }
```

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

```
.background{ background-color: rgb(255,  
168, 149) }
```

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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