

Converting Colors

$Y_{xy}(52.1060, 0.4040, 0.3553)$

Have a look what the booklet for
Yxy(52.1060, 0.4040, 0.3553)
contains.

Yxy(52.1968, 0.4043, 0.3551)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1968, 0.4043, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	F9AD95
RGB	249, 173, 149
RGB Percent	98%, 68%, 58%
CMY	0.0236, 0.3215, 0.4158
CMYK	0.00, 0.31, 0.40, 0.02
HSL	14°, 89%, 78%
HSV	14°, 40%, 98%
XYZ	59.4288, 52.1968, 35.3662
YIQ	192.9880, 53.0000, 8.6480

Conversions

Conversions Part 2

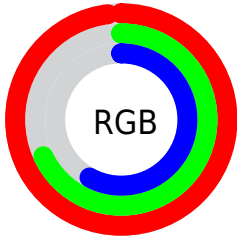
Format	Color
R _Y B	249, 181, 149
Decimal	16362901
CIE Lab	77.40, 24.97, 23.55
CIE LCh	77, 34.327, 43.322
Yxy	52.1968, 0.4043, 0.3551
Android (android.graphics.Color)	4294552981 (0xFFF9AD95)
YUV	192.9880, -21.6861, 49.1225
Hunter-Lab	72.2474, 20.3966, 21.5497

Details

The Yxy color **52.1968, 0.4043, 0.3551** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0441, 0.2529, 0.3006**, and the grayscale version is **53.4279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6104, 0.3485, 0.3553**, and **25.2619, 0.4292, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **44.7393, 0.4381, 0.3611**, and if you desaturate by 10%, it is **60.8560, 0.3752, 0.3484**.

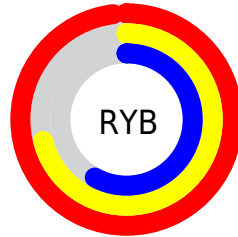
Distribution



Red (98%)

Green (68%)

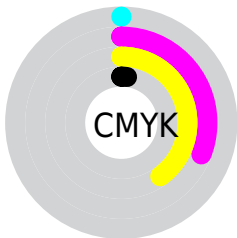
Blue (58%)



Red (98%)

Yellow (71%)

Blue (58%)

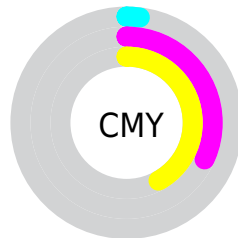


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1968, 0.4043, 0.3551 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 52.1968, 0.4043, 0.3551 by changing the saturation by 10% instead.


 52.1968, 0.4043,
0.3551


 52.1968, 0.4043,
0.3551


395.1959, 0.3590,
0.3440

 37.1620, 0.4153,
0.3572


 93.4214, 0.3880,
0.3515

 25.3329, 0.4293,
0.3596


 120.3800, 0.3818,
0.3501

 16.3253, 0.4475,
0.3621


152.0819, 0.3766,
0.3488

 9.7546, 0.4719,
0.3645

188.9116, 0.3721,
0.3476

 5.2366, 0.5062,
0.3657

231.2535, 0.3682,
0.3466

 2.3867, 0.5637,
0.3670

279.4919, 0.3647,

 0.8190, 0.6491,

0.3456

0.3509

334.0112, 0.3617,
0.3448

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1968, 0.4043,
0.3551

52.1968, 0.4043,
0.3551

44.7393, 0.4381,
0.3611

60.8560, 0.3752,
0.3484

38.4222, 0.4760,
0.3657

70.7598, 0.3506,
0.3417

33.1898, 0.5161,
0.3677

81.9580, 0.3300,
0.3352

28.9786, 0.5551,
0.3662

94.4955, 0.3130,
0.3291

■ 25.7178, 0.5885,
0.3605

■ 98.8763, 0.3090,
0.3290

■ 23.3527, 0.6126,
0.3518

Harmonies

Analogous

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



52.1968, 0.3841, 0.3181



52.1968, 0.4043, 0.3551



52.1968, 0.3975, 0.3890

Triad

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



52.1968, 0.4043, 0.3551



52.1968, 0.2791, 0.3792



52.1968, 0.2568, 0.2548

Complementary

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



52.1968, 0.4043, 0.3551



67.0441, 0.2529, 0.3006

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.



52.1968, 0.2332, 0.2643



52.1968, 0.4043, 0.3551



52.1968, 0.2451, 0.3344

Square

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



52.1968, 0.4043, 0.3551



52.1968, 0.3238, 0.4082



52.1968, 0.2291, 0.2920



52.1968, 0.2962, 0.2628

Rectangle

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



52.1968, 0.4043, 0.3551



52.1968, 0.3795, 0.4053



52.1968, 0.2291, 0.2920



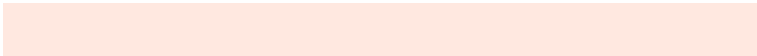
52.1968, 0.2469, 0.2559

Sweetspot

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



52.1993, 0.4043, 0.3551



84.2396, 0.3336, 0.3364



47.0955, 0.3376, 0.2505



17.6900, 0.3361, 0.3372



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.



52.1993, 0.4043, 0.3551



48.7917, 0.4306, 0.3600



74.7147, 0.3831, 0.4049



17.9026, 0.3288, 0.3348



12.6851, 0.6100, 0.3539



1.3320, 0.5873, 0.3719

Inverse Universe

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



67.0441, 0.2529, 0.3006



66.3362, 0.2426, 0.2940



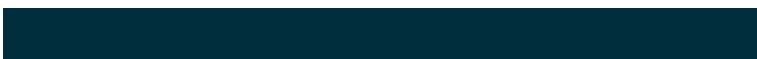
44.1373, 0.2431, 0.2388



18.8599, 0.2980, 0.3232



23.4075, 0.2026, 0.2492



2.3314, 0.2055, 0.2599

Previews

White Background



This preview shows how the Yxy color 52.1968, 0.4043, 0.3551 looks on a white background.

Color Contrast Check

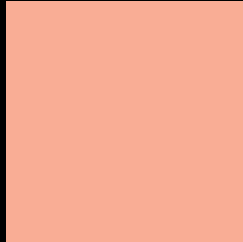
Large Text (above 18pt) WCAG AA × Fail

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 52.1968, 0.4043, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

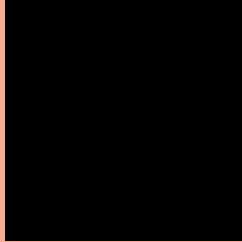
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1968, 0.4043, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 52.1968, 0.4043, 0.3551.



This preview shows how white text looks on a background with the Yxy color 52.1968, 0.4043, 0.3551.

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

52.1968, 0.4043, 0.3551

Protanopia

52.4267, 0.3488, 0.3699

Deuteranopia

52.3951, 0.3798, 0.3722



Tritanopia

52.0369, 0.3787, 0.3154

Trichromacy



Original Color

52.1968, 0.4043, 0.3551

Protanomaly

51.8632, 0.3684, 0.3635

Deuteranomaly

52.2731, 0.3887, 0.3654

Tritanomaly

52.1233, 0.3886, 0.3303

Monochromacy



Original Color

52.1968, 0.4043, 0.3551

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.4383, 0.3431, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1968, 0.4043, 0.3551 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(249, 173, 149)` looks like.

```
.text, #text, p{  
    color:rgb(249, 173, 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(249, 173, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 173, 149) }
```

Border

The CSS property to change the border of an element to Yxy 52.1968, 0.4043, 0.3551 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(249, 173, 149) }
```

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

```
.border{ border-color:rgb(249, 173, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 173, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 173, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 173, 149);  
box-shadow:4px 4px 4px 4px rgb(249, 173,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1968, 0.4043, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 173, 149) }
```

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

```
.background{ background-color: rgb(249,  
173, 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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