

Converting Colors

$Y_{xy}(53.0728, 0.4020, 0.3551)$

Have a look what the booklet for
Yxy(53.0728, 0.4020, 0.3551)
contains.

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Color

Yxy(53.0340, 0.4016, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	F9AF97
RGB	249, 175, 151
RGB Percent	98%, 69%, 59%
CMY	0.0236, 0.3137, 0.4080
CMYK	0.00, 0.30, 0.39, 0.02
HSL	15°, 89%, 78%
HSV	15°, 39%, 98%
XYZ	59.9788, 53.0340, 36.3367
YIQ	194.3900, 51.8080, 8.2240

Conversions

Conversions Part 2

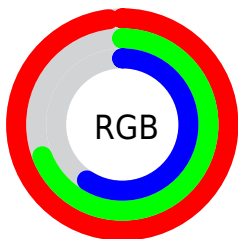
Format	Color
R _Y B	249, 183, 151
Decimal	16363415
CIE Lab	77.90, 24.15, 23.16
CIE LCh	78, 33.460, 43.807
Yxy	53.0340, 0.4016, 0.3551
Android (android.graphics.Color)	4294553495 (0xFF9AF97)
YUV	194.3900, -21.3913, 47.8930
Hunter-Lab	72.8244, 19.5711, 21.3936

Details

The Yxy color **53.0340, 0.4016, 0.3551** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2351, 0.2539, 0.3007**, and the grayscale version is **54.2980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8196, 0.3467, 0.3552**, and **25.7863, 0.4253, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **45.4980, 0.4349, 0.3613**, and if you desaturate by 10%, it is **61.7638, 0.3729, 0.3483**.

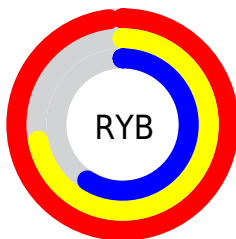
Distribution



Red (98%)

Green (69%)

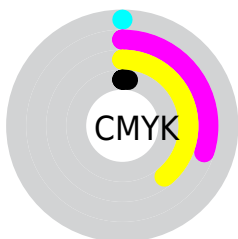
Blue (59%)



Red (98%)

Yellow (72%)

Blue (59%)

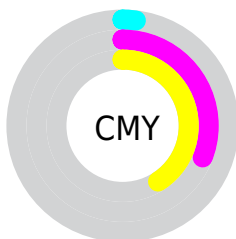


Cyan (0%)

Magenta (30%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0340, 0.4016, 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 53.0340, 0.4016, 0.3551 by changing the saturation by 10% instead.

 53.0340, 0.4016,
0.3551


 53.0340, 0.4016,
0.3551


398.4156, 0.3577,
0.3440

 37.8299, 0.4123,
0.3573


 94.6544, 0.3859,
0.3515

 25.8507, 0.4257,
0.3597


 121.8395, 0.3799,
0.3500

 16.7120, 0.4432,
0.3624

153.7871, 0.3748,
0.3487

 10.0294, 0.4668,
0.3650

190.8815, 0.3704,
0.3475

 5.4184, 0.4998,
0.3667

233.5071, 0.3666,
0.3465

 2.4948, 0.5530,
0.3677

282.0484, 0.3633,

 0.8740, 0.6413,

0.3456

0.3587

336.8898, 0.3604,
0.3447

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0340, 0.4016,
0.3551

53.0340, 0.4016,
0.3551

45.4980, 0.4349,
0.3613

61.7638, 0.3729,
0.3483

39.0955, 0.4723,
0.3662

71.7290, 0.3488,
0.3414

33.7722, 0.5122,
0.3685

82.9786, 0.3286,
0.3348

29.4663, 0.5512,
0.3674

95.5565, 0.3117,
0.3286

■ 26.1089, 0.5851,
0.3620

■ 98.8787, 0.3090,
0.3290

■ 23.6165, 0.6102,
0.3531

■ 23.4854, 0.6116,
0.3526

Harmonies

Analogous

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



53.0340, 0.3824, 0.3191



53.0340, 0.4016, 0.3551



53.0340, 0.3947, 0.3878

Triad

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



53.0340, 0.4016, 0.3551



53.0340, 0.2795, 0.3770



53.0340, 0.2589, 0.2569

Complementary

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



53.0340, 0.4016, 0.3551



67.2351, 0.2539, 0.3007

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.



53.0340, 0.2357, 0.2659



53.0340, 0.4016, 0.3551



53.0340, 0.2467, 0.3336

Square

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



53.0340, 0.4016, 0.3551



53.0340, 0.3228, 0.4053



53.0340, 0.2313, 0.2927



53.0340, 0.2975, 0.2649

Rectangle

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



53.0340, 0.4016, 0.3551



53.0340, 0.3771, 0.4033



53.0340, 0.2313, 0.2927



53.0340, 0.2492, 0.2579

Sweetspot

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



53.0366, 0.4016, 0.3551



84.3245, 0.3335, 0.3365



47.7573, 0.3370, 0.2520



17.7099, 0.3361, 0.3374



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.



53.0366, 0.4016, 0.3551



49.7627, 0.4268, 0.3600



75.0683, 0.3815, 0.4034



17.9167, 0.3288, 0.3349



12.7575, 0.6089, 0.3547



1.3405, 0.5862, 0.3728

Inverse Universe

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



67.2351, 0.2539, 0.3007



66.5573, 0.2438, 0.2942



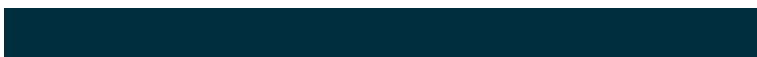
44.9003, 0.2446, 0.2409



18.8448, 0.2980, 0.3230



23.1282, 0.2021, 0.2475



2.3076, 0.2051, 0.2584

Previews

White Background



This preview shows how the Yxy color 53.0340, 0.4016, 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 53.0340, 0.4016, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

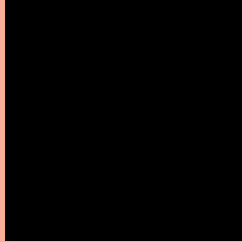
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0340, 0.4016, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 53.0340, 0.4016, 0.3551.



This preview shows how white text looks on a background with the Yxy color 53.0340, 0.4016, 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

53.0340, 0.4016, 0.3551

Protanopia

53.4805, 0.3484, 0.3709

Deuteranopia

53.0366, 0.3786, 0.3709



Tritanopia

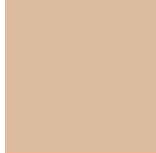
52.8638, 0.3763, 0.3154

Trichromacy



Original Color

53.0340, 0.4016, 0.3551



Protanomaly

52.7338, 0.3669, 0.3646



Deuteranomaly

52.7422, 0.3865, 0.3643



Tritanomaly

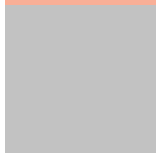
52.9546, 0.3860, 0.3303

Monochromacy



Original Color

53.0340, 0.4016, 0.3551



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

53.0511, 0.3429, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0340, 0.4016, 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, 175, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 175, 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(249, 175, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 175, 151) }
```

Border

The CSS property to change the border of an element to Yxy 53.0340, 0.4016, 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, 175, 151) }
```

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

```
.border{ border-color:rgb(249, 175, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 175, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 175,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0340, 0.4016, 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, 175, 151) }
```

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

```
.background{ background-color: rgb(249,  
175, 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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