

Converting Colors

$Y_{xy}(50.4553, 0.4002, 0.3303)$

Have a look what the booklet for
Yxy(50.4553, 0.4002, 0.3303)
contains.

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Color

Yxy(50.4553, 0.4002, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4A3
RGB	255, 164, 163
RGB Percent	100%, 64%, 64%
CMY	0.0000, 0.3569, 0.3608
CMYK	0.00, 0.36, 0.36, 0.00
HSL	1°, 100%, 82%
HSV	1°, 36%, 100%
XYZ	61.1329, 50.4553, 41.1677
YIQ	191.0950, 54.5570, 18.9810

Conversions

Conversions Part 2

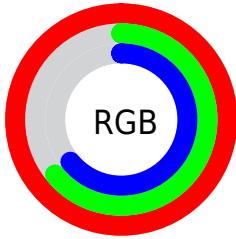
Format	Color
R _Y B	255, 164, 163
Decimal	16753827
CIE Lab	76.35, 33.55, 14.60
CIE LCh	76, 36.589, 23.518
Yxy	50.4553, 0.4002, 0.3303
Android (android.graphics.Color)	4294943907 (0xFFFFA4A3)
YUV	191.0950, -13.8508, 56.0447
Hunter-Lab	71.0319, 29.3186, 15.3598

Details

The Yxy color **50.4553, 0.4002, 0.3303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.8958, 0.2618, 0.3278**, and the grayscale version is **52.2135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5084, 0.3396, 0.3311**, and **24.2523, 0.4253, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **41.4790, 0.4384, 0.3307**, and if you desaturate by 10%, it is **61.4021, 0.3687, 0.3299**.

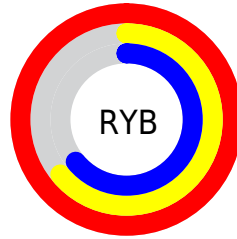
Distribution



Red (100%)

Green (64%)

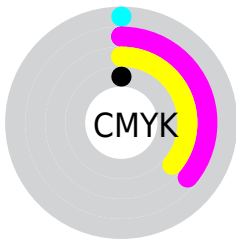
Blue (64%)



Red (100%)

Yellow (64%)

Blue (64%)

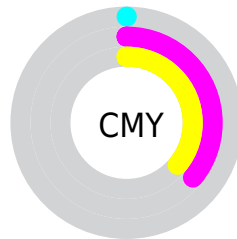


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4553, 0.4002, 0.3303 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 50.4553, 0.4002, 0.3303 by changing the saturation by 10% instead.

 50.4553, 0.4002,
0.3303


 50.4553, 0.4002,
0.3303


388.4438, 0.3566,
0.3310

 35.7753, 0.4110,
0.3298


 90.8491, 0.3844,
0.3308

 24.2607, 0.4247,
0.3288


 117.3317, 0.3785,
0.3309

 15.5271, 0.4427,
0.3273


148.5173, 0.3734,
0.3310

 9.1902, 0.4674,
0.3245

184.7902, 0.3691,
0.3310

 4.8654, 0.5031,
0.3190

226.5350, 0.3654,
0.3310

 2.1685, 0.5579,
0.3074

274.1359, 0.3621,

 0.7027, 0.7033,

0.3310

0.2967

327.9774, 0.3592,
0.3310

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4553, 0.4002,
0.3303

50.4553, 0.4002,
0.3303

41.4790, 0.4384,
0.3307

61.4021, 0.3687,
0.3299

34.3619, 0.4829,
0.3310

74.4336, 0.3433,
0.3295

28.9719, 0.5310,
0.3312

89.6475, 0.3230,
0.3292

25.1623, 0.5773,
0.3311

100.0000, 0.3127,
0.3290

■ 22.7622, 0.6140,
0.3309

■ 21.5607, 0.6349,
0.3304

■ 21.3197, 0.6396,
0.3304

Harmonies

Analogous

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



50.4553, 0.3622, 0.2932



50.4553, 0.4002, 0.3303



50.4553, 0.4122, 0.3697

Triad

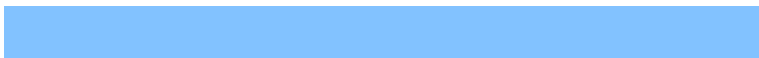
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.4553, 0.4002, 0.3303



50.4553, 0.3074, 0.4072



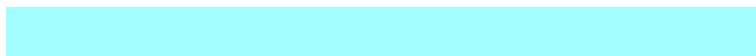
50.4553, 0.2339, 0.2539

Complementary

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



50.4553, 0.4002, 0.3303



85.8958, 0.2618, 0.3278

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.



50.4553, 0.2222, 0.2767



50.4553, 0.4002, 0.3303



50.4553, 0.2622, 0.3677

Square

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



50.4553, 0.4002, 0.3303



50.4553, 0.3562, 0.4193



50.4553, 0.2319, 0.3178



50.4553, 0.2653, 0.2505

Rectangle

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



50.4553, 0.4002, 0.3303



50.4553, 0.4038, 0.3933



50.4553, 0.2319, 0.3178



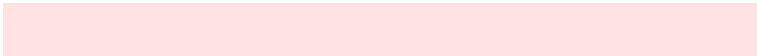
50.4553, 0.2277, 0.2593

Sweetspot

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



50.4532, 0.4002, 0.3303



81.8796, 0.3324, 0.3294



54.6753, 0.3169, 0.2394



17.0881, 0.3352, 0.3294



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.



50.4532, 0.4002, 0.3303



44.0373, 0.4259, 0.3306



69.5060, 0.3829, 0.3767



18.0184, 0.3294, 0.3293



11.1536, 0.6393, 0.3306



1.0965, 0.6375, 0.3320

Inverse Universe

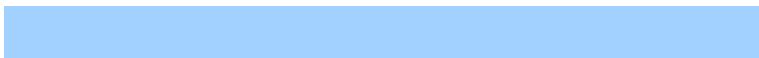
The Inverse Universe completely reimagines the original color for something new.



85.8958, 0.2618, 0.3278



84.0399, 0.2540, 0.3275



60.6084, 0.2544, 0.2756



20.4459, 0.2980, 0.3287



40.2490, 0.2237, 0.3255



3.9293, 0.2239, 0.3259

Previews

White Background



This preview shows how the Yxy color 50.4553, 0.4002, 0.3303 looks on a white background.

Color Contrast Check

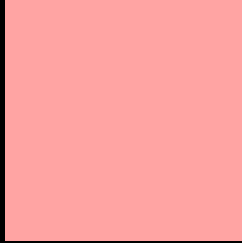
Large Text (above 18pt) WCAG AA × Fail

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 50.4553, 0.4002, 0.3303 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 50.4553, 0.4002, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 50.4553, 0.4002, 0.3303.



This preview shows how white text looks on a background with the Yxy color 50.4553, 0.4002, 0.3303.

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

50.4553, 0.4002, 0.3303

Protanopia

50.6637, 0.3288, 0.3454

Deuteranopia

50.7457, 0.3621, 0.3555



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.4553, 0.4002, 0.3303



Protanomaly

49.9322, 0.3533, 0.3387



Deuteranomaly

50.2221, 0.3762, 0.3452



Tritanomaly

50.3947, 0.3927, 0.3208

Monochromacy



Original Color

50.4553, 0.4002, 0.3303



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.6801, 0.3415, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4553, 0.4002, 0.3303 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, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 163)  
}
```

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, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 163) }
```

Border

The CSS property to change the border of an element to Yxy 50.4553, 0.4002, 0.3303 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, 164, 163) }
```

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

```
.border{ border-color:rgb(255, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4553, 0.4002, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 163) }
```

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

```
.background{ background-color: rgb(255,  
164, 163) }
```

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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