

Converting Colors

$Y_{xy}(50.7205, 0.4035, 0.3319)$

Have a look what the booklet for
Yxy(50.7205, 0.4035, 0.3319)
contains.

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Color

Yxy(50.3841, 0.4021, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4A1
RGB	255, 164, 161
RGB Percent	100%, 64%, 63%
CMY	0.0000, 0.3568, 0.3685
CMYK	0.00, 0.36, 0.37, 0.00
HSL	2°, 100%, 82%
HSV	2°, 37%, 100%
XYZ	60.9490, 50.3841, 40.2436
YIQ	190.8670, 55.1990, 18.3590

Conversions

Conversions Part 2

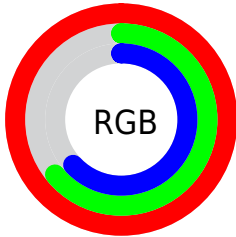
Format	Color
R _Y B	255, 164, 161
Decimal	16753825
CIE Lab	76.30, 33.30, 15.62
CIE LCh	76, 36.783, 25.121
Yxy	50.3841, 0.4021, 0.3324
Android (android.graphics.Color)	4294943905 (0xFFFFA4A1)
YUV	190.8670, -14.7244, 56.2446
Hunter-Lab	70.9818, 29.0522, 16.0723

Details

The Yxy color **50.3841, 0.4021, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.4311, 0.2605, 0.3256**, and the grayscale version is **52.0847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4043, 0.3410, 0.3331**, and **24.2304, 0.4267, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **41.5799, 0.4403, 0.3333**, and if you desaturate by 10%, it is **61.0921, 0.3705, 0.3314**.

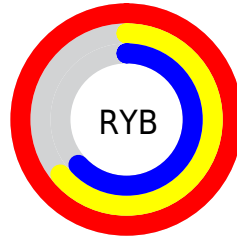
Distribution



Red (100%)

Green (64%)

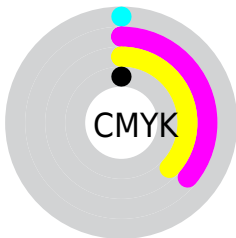
Blue (63%)



Red (100%)

Yellow (64%)

Blue (63%)

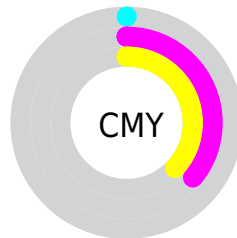


Cyan (0%)

Magenta (36%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3841, 0.4021, 0.3324 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 50.3841, 0.4021, 0.3324 by changing the saturation by 10% instead.


 50.3841, 0.4021,
0.3324

 50.3841, 0.4021,
0.3324


388.1661, 0.3575,
0.3321

 35.7187, 0.4131,
0.3321


 90.7437, 0.3860,
0.3326

 24.2170, 0.4271,
0.3314


 117.2067, 0.3799,
0.3326

 15.4947, 0.4455,
0.3301


148.3710, 0.3748,
0.3325

 9.1673, 0.4708,
0.3276

184.6210, 0.3703,
0.3325

 4.8505, 0.5070,
0.3225

226.3412, 0.3665,
0.3324

 2.1598, 0.5629,
0.3112

273.9158, 0.3631,

 0.6979, 0.7026,

0.3323

0.2974

327.7293, 0.3602,
0.3322

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3841, 0.4021,
0.3324

50.3841, 0.4021,
0.3324

41.5799, 0.4403,
0.3333

61.0921, 0.3705,
0.3314

34.5614, 0.4845,
0.3340

73.7985, 0.3449,
0.3305

29.2084, 0.5321,
0.3342

88.6004, 0.3244,
0.3296

25.3835, 0.5777,
0.3338

99.9990, 0.3127,
0.3290

■ 22.9268, 0.6139,
0.3328

■ 21.6430, 0.6347,
0.3313

■ 21.4345, 0.6385,
0.3312

Harmonies

Analogous

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



50.3841, 0.3650, 0.2948



50.3841, 0.4021, 0.3324



50.3841, 0.4126, 0.3719

Triad

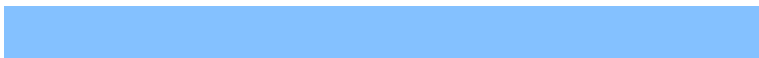
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.3841, 0.4021, 0.3324



50.3841, 0.3047, 0.4062



50.3841, 0.2346, 0.2528

Complementary

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



50.3841, 0.4021, 0.3324



84.4311, 0.2605, 0.3256

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.



50.3841, 0.2218, 0.2747



50.3841, 0.4021, 0.3324



50.3841, 0.2599, 0.3653

Square

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



50.3841, 0.4021, 0.3324



50.3841, 0.3540, 0.4200



50.3841, 0.2304, 0.3152



50.3841, 0.2672, 0.2505

Rectangle

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



50.3841, 0.4021, 0.3324



50.3841, 0.4031, 0.3953



50.3841, 0.2304, 0.3152



50.3841, 0.2280, 0.2579

Sweetspot

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



50.3866, 0.4021, 0.3324



82.2015, 0.3323, 0.3299



53.8780, 0.3182, 0.2389



17.1640, 0.3351, 0.3301



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.



50.3866, 0.4021, 0.3324



43.9048, 0.4287, 0.3331



69.7182, 0.3842, 0.3793



18.0792, 0.3294, 0.3298



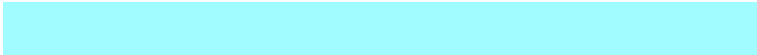
11.2404, 0.6379, 0.3317



1.1255, 0.6327, 0.3359

Inverse Universe

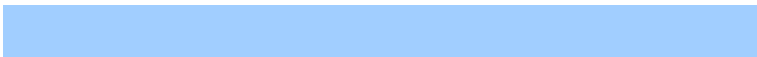
The Inverse Universe completely reimagines the original color for something new.



84.4311, 0.2605, 0.3256



82.3139, 0.2525, 0.3248



59.1572, 0.2529, 0.2723



20.3768, 0.2980, 0.3282



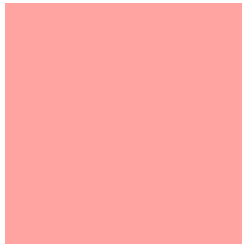
38.5495, 0.2220, 0.3190



3.7832, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 50.3841, 0.4021, 0.3324 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 50.3841, 0.4021, 0.3324 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 50.3841, 0.4021, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 50.3841, 0.4021, 0.3324.



This preview shows how white text looks on a background with the Yxy color 50.3841, 0.4021, 0.3324.

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

50.3841, 0.4021, 0.3324

Protanopia

50.7193, 0.3312, 0.3479

Deuteranopia

50.4218, 0.3650, 0.3566



Tritanopia

50.5104, 0.3898, 0.3176

Trichromacy



Original Color

50.3841, 0.4021, 0.3324



Protanomaly

49.8565, 0.3550, 0.3411



Deuteranomaly

50.1521, 0.3780, 0.3476



Tritanomaly

50.3190, 0.3947, 0.3229

Monochromacy



Original Color

50.3841, 0.4021, 0.3324



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.6392, 0.3424, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3841, 0.4021, 0.3324 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 161) }
```

Border

The CSS property to change the border of an element to Yxy 50.3841, 0.4021, 0.3324 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, 161) }
```

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

```
.border{ border-color:rgb(255, 164, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3841, 0.4021, 0.3324 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
164, 161) }
```

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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