

Converting Colors

$Y_{xy}(47.0850, 0.3916, 0.3304)$

Have a look what the booklet for
Yxy(47.0850, 0.3916, 0.3304)
contains.

Yxy(47.2560, 0.3920, 0.3315)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.2560, 0.3920, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	F2A2A0
RGB	242, 162, 160
RGB Percent	95%, 64%, 63%
CMY	0.0510, 0.3647, 0.3727
CMYK	0.00, 0.33, 0.34, 0.05
HSL	1°, 76%, 79%
HSV	1°, 34%, 95%
XYZ	55.8804, 47.2560, 39.4156
YIQ	185.6920, 48.3220, 16.3380

Conversions

Conversions Part 2

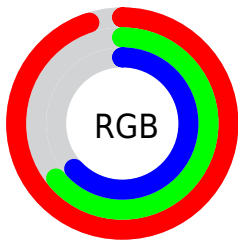
Format	Color
R _Y B	242, 162, 160
Decimal	15901344
CIE Lab	74.35, 29.41, 13.24
CIE LCh	74, 32.258, 24.238
Yxy	47.2560, 0.3920, 0.3315
Android (android.graphics.Color)	4294091424 (0xFFFF2A2A0)
YUV	185.6920, -12.6662, 49.3821
Hunter-Lab	68.7430, 24.8004, 14.1246

Details

The Yxy color **47.2560, 0.3920, 0.3315** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.1709, 0.2643, 0.3265**, and the grayscale version is **48.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7920, 0.3421, 0.3311**, and **22.2318, 0.4147, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **38.9443, 0.4282, 0.3323**, and if you desaturate by 10%, it is **57.2967, 0.3623, 0.3307**.

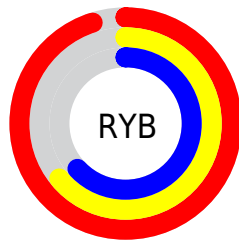
Distribution



Red (95%)

Green (64%)

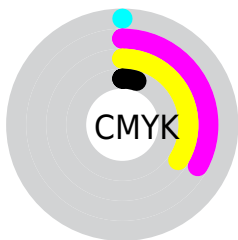
Blue (63%)



Red (95%)

Yellow (64%)

Blue (63%)

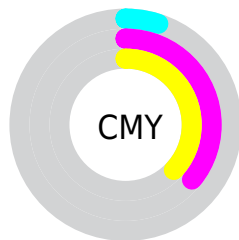


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (5%)



Cyan (5%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2560, 0.3920, 0.3315 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 47.2560, 0.3920, 0.3315 by changing the saturation by 10% instead.


 47.2560, 0.3920,
0.3315

 47.2560, 0.3920,
0.3315


375.8355, 0.3520,
0.3313

 33.2381, 0.4020,
0.3312


 86.0956, 0.3774,
0.3317

 22.3089, 0.4149,
0.3306


 111.6861, 0.3720,
0.3317

 14.0840, 0.4319,
0.3295


141.9029, 0.3674,
0.3317

 8.1791, 0.4556,
0.3274

177.1304, 0.3634,
0.3316

 4.2098, 0.4905,
0.3229

217.7530, 0.3600,
0.3315

 1.7916, 0.5466,
0.3130

264.1552, 0.3570,

 0.4819, 0.7172,

0.3315

0.2828

316.7212, 0.3544,
0.3314

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2560, 0.3920,
0.3315

47.2560, 0.3920,
0.3315

38.9443, 0.4282,
0.3323

57.2967, 0.3623,
0.3307

32.2577, 0.4708,
0.3329

69.1489, 0.3383,
0.3300

27.0918, 0.5179,
0.3332

82.8982, 0.3191,
0.3293

23.3273, 0.5649,
0.3331

97.6171, 0.3047,
0.3290

■ 20.8272, 0.6047,
0.3324

■ 19.4268, 0.6304,
0.3313

■ 19.0083, 0.6388,
0.3310

Harmonies

Analogous

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



47.2560, 0.3584, 0.2973



47.2560, 0.3920, 0.3315



47.2560, 0.4023, 0.3673

Triad

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



47.2560, 0.3920, 0.3315



47.2560, 0.3072, 0.3983



47.2560, 0.2416, 0.2606

Complementary

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



47.2560, 0.3920, 0.3315



76.1709, 0.2643, 0.3265

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.



47.2560, 0.2304, 0.2814



47.2560, 0.3920, 0.3315



47.2560, 0.2664, 0.3628

Square

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



47.2560, 0.3920, 0.3315



47.2560, 0.3514, 0.4102



47.2560, 0.2390, 0.3183



47.2560, 0.2708, 0.2577

Rectangle

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



47.2560, 0.3920, 0.3315



47.2560, 0.3946, 0.3883



47.2560, 0.2390, 0.3183



47.2560, 0.2357, 0.2655

Sweetspot

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



47.2583, 0.3920, 0.3315



83.6150, 0.3304, 0.3297



50.3342, 0.3178, 0.2461



17.4421, 0.3332, 0.3298



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.



47.2583, 0.3920, 0.3315



46.2792, 0.4175, 0.3321



63.8181, 0.3771, 0.3751



15.8220, 0.3293, 0.3296



10.2406, 0.6382, 0.3314



0.8741, 0.6335, 0.3352

Inverse Universe

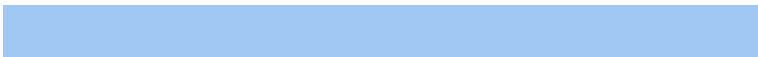
The Inverse Universe completely reimagines the original color for something new.



76.1709, 0.2643, 0.3265



83.6118, 0.2559, 0.3259



55.0099, 0.2580, 0.2778



17.8572, 0.2981, 0.3284



35.6896, 0.2225, 0.3211



2.9903, 0.2228, 0.3222

Previews

White Background



This preview shows how the Yxy color 47.2560, 0.3920, 0.3315 looks on a white background.

Color Contrast Check

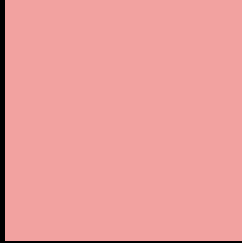
Large Text (above 18pt) WCAG AA × Fail

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 47.2560, 0.3920, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

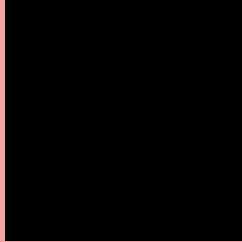
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2560, 0.3920, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 47.2560, 0.3920, 0.3315.

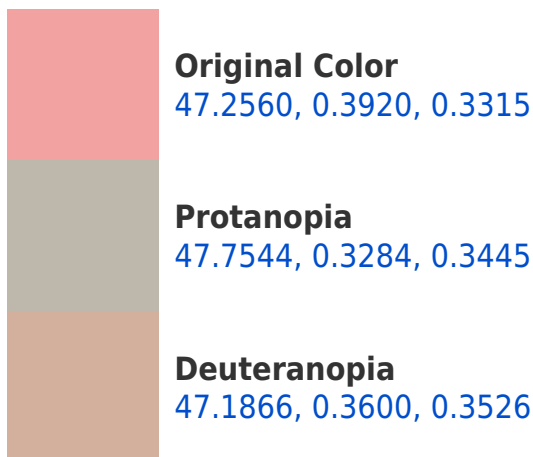


This preview shows how white text looks on a background with the Yxy color 47.2560, 0.3920, 0.3315.

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

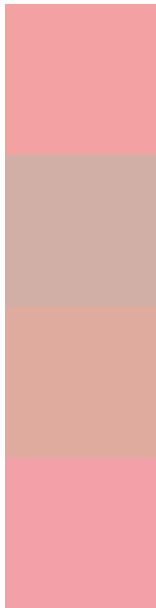




Tritanopia

47.1749, 0.3817, 0.3160

Trichromacy



Original Color

47.2560, 0.3920, 0.3315

Protanomaly

47.0053, 0.3505, 0.3390

Deuteranomaly

47.1240, 0.3719, 0.3446

Tritanomaly

47.3716, 0.3853, 0.3215

Monochromacy



Original Color

47.2560, 0.3920, 0.3315

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.7404, 0.3385, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2560, 0.3920, 0.3315 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(242, 162, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 160)  
}
```

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(242, 162, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.2560, 0.3920, 0.3315 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(242, 162, 160) }
```

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

```
.border{ border-color:rgb(242, 162, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 162, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 162, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 162, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 162,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2560, 0.3920, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 160) }
```

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

```
.background{ background-color: rgb(242,  
162, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor