

Converting Colors

$Y_{xy}(70.8461, 0.4541, 0.3306)$

Have a look what the booklet for
Yxy(70.8461, 0.4541, 0.3306)
contains.

Yxy(53.2504, 0.3918, 0.3313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.2504, 0.3918, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	FFABA9
RGB	255, 171, 169
RGB Percent	100%, 67%, 66%
CMY	0.0000, 0.3295, 0.3372
CMYK	0.00, 0.33, 0.34, 0.00
HSL	1°, 100%, 83%
HSV	1°, 34%, 100%
XYZ	62.9747, 53.2504, 44.5066
YIQ	195.8880, 50.7060, 17.1860

Conversions

Conversions Part 2

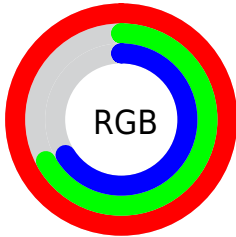
Format	Color
R _Y B	255, 171, 169
Decimal	16755625
CIE Lab	78.02, 30.62, 13.68
CIE LCh	78, 33.539, 24.071
Yxy	53.2504, 0.3918, 0.3313
Android (android.graphics.Color)	4294945705 (0xFFFFABA9)
YUV	195.8880, -13.2558, 51.8412
Hunter-Lab	72.9729, 26.3407, 14.9197

Details

The Yxy color **53.2504, 0.3918, 0.3313** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9307, 0.2645, 0.3267**, and the grayscale version is **55.1859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5800, 0.3344, 0.3321**, and **25.9770, 0.4131, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **43.8388, 0.4281, 0.3320**, and if you desaturate by 10%, it is **64.6161, 0.3620, 0.3306**.

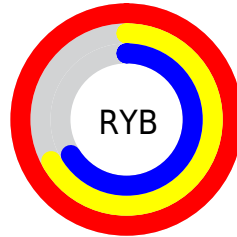
Distribution



Red (100%)

Green (67%)

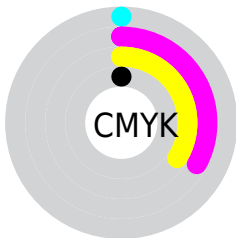
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

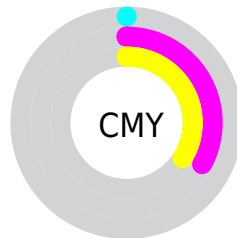


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2504, 0.3918, 0.3313 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 53.2504, 0.3918, 0.3313 by changing the saturation by 10% instead.


 53.2504, 0.3918,
0.3313

 53.2504, 0.3918,
0.3313


399.2451, 0.3527,
0.3313

 38.0027, 0.4013,
0.3310

 94.9727, 0.3777,
0.3315

 25.9848, 0.4135,
0.3305


122.2161, 0.3724,
0.3315

 16.8123, 0.4294,
0.3294


154.2269, 0.3679,
0.3315

 10.1007, 0.4510,
0.3275

191.3895, 0.3640,
0.3315

 5.4658, 0.4820,
0.3238

234.0881, 0.3606,
0.3314

 2.5231, 0.5296,
0.3155

282.7074, 0.3577,

 0.8882, 0.6714,

0.3314

0.3247

337.6316, 0.3551,
0.3313

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2504, 0.3918,
0.3313

53.2504, 0.3918,
0.3313

43.8388, 0.4281,
0.3320

64.6161, 0.3620,
0.3306

36.2807, 0.4709,
0.3326

78.0482, 0.3380,
0.3299

30.4509, 0.5182,
0.3329

93.6385, 0.3188,
0.3292

26.2127, 0.5653,
0.3328

100.0000, 0.3127,
0.3290

■ 23.4093, 0.6051,
0.3322

■ 21.8518, 0.6307,
0.3312

■ 21.3865, 0.6390,
0.3309

Harmonies

Analogous

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



53.2504, 0.3581, 0.2972



53.2504, 0.3918, 0.3313



53.2504, 0.4023, 0.3671

Triad

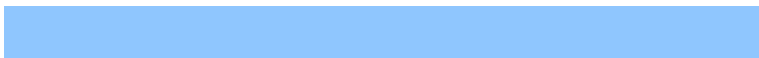
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2504, 0.3918, 0.3313



53.2504, 0.3075, 0.3983



53.2504, 0.2415, 0.2607

Complementary

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



53.2504, 0.3918, 0.3313



85.9307, 0.2645, 0.3267

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.



53.2504, 0.2305, 0.2816



53.2504, 0.3918, 0.3313



53.2504, 0.2666, 0.3630

Square

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



53.2504, 0.3918, 0.3313



53.2504, 0.3516, 0.4101



53.2504, 0.2392, 0.3185



53.2504, 0.2706, 0.2577

Rectangle

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



53.2504, 0.3918, 0.3313



53.2504, 0.3946, 0.3881



53.2504, 0.2392, 0.3185



53.2504, 0.2357, 0.2657

Sweetspot

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



53.2470, 0.3918, 0.3313



83.5848, 0.3304, 0.3296



56.7730, 0.3178, 0.2463



17.4348, 0.3332, 0.3297



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.



53.2470, 0.3918, 0.3313



47.1128, 0.4138, 0.3318



71.9382, 0.3769, 0.3749



18.0535, 0.3294, 0.3296



11.2037, 0.6385, 0.3312



1.1132, 0.6347, 0.3342

Inverse Universe

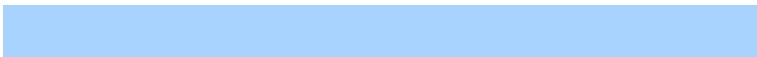
The Inverse Universe completely reimagines the original color for something new.



85.9307, 0.2645, 0.3267



84.0343, 0.2570, 0.3262



62.0374, 0.2581, 0.2780



20.4060, 0.2980, 0.3284



39.2625, 0.2227, 0.3218



3.8446, 0.2230, 0.3226

Previews

White Background



This preview shows how the Yxy color 53.2504, 0.3918, 0.3313 looks on a white background.

Color Contrast Check

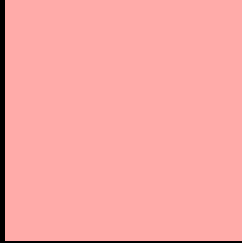
Large Text (above 18pt) WCAG AA × Fail

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 53.2504, 0.3918, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

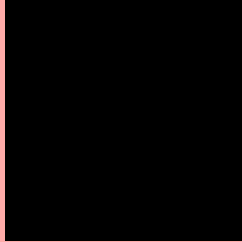
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2504, 0.3918, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 53.2504, 0.3918, 0.3313.



This preview shows how white text looks on a background with the Yxy color 53.2504, 0.3918, 0.3313.

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

53.2504, 0.3918, 0.3313

Protanopia

53.7146, 0.3284, 0.3450

Deuteranopia

53.4006, 0.3602, 0.3525



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.2504, 0.3918, 0.3313

Protanomaly

53.0482, 0.3502, 0.3397

Deuteranomaly

53.3302, 0.3715, 0.3450

Tritanomaly

53.1838, 0.3846, 0.3218

Monochromacy



Original Color

53.2504, 0.3918, 0.3313

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.8375, 0.3389, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2504, 0.3918, 0.3313 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, 171, 169)` looks like.

```
.text, #text, p{  
  color:rgb(255, 171, 169)  
}
```

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, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.2504, 0.3918, 0.3313 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, 171, 169) }
```

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

```
.border{ border-color:rgb(255, 171, 169) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2504, 0.3918, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 169) }
```

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

```
.background{ background-color: rgb(255,  
171, 169) }
```

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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