

Converting Colors

$Y_{xy}(54.4242, 0.3866, 0.3292)$

Have a look what the booklet for
Yxy(54.4242, 0.3866, 0.3292)
contains.

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Color

Yxy(54.5881, 0.3861, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEAE
RGB	255, 174, 174
RGB Percent	100%, 68%, 68%
CMY	0.0000, 0.3177, 0.3176
CMYK	0.00, 0.32, 0.32, 0.00
HSL	360°, 100%, 84%
HSV	360°, 32%, 100%
XYZ	64.0233, 54.5881, 47.2091
YIQ	198.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

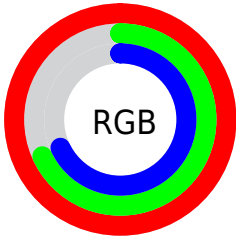
Format	Color
R _Y B	255, 174, 174
Decimal	16756398
CIE Lab	78.80, 29.66, 12.08
CIE LCh	79, 32.028, 22.158
Yxy	54.5881, 0.3861, 0.3292
Android (android.graphics.Color)	4294946478 (0xFFFFAEAE)
YUV	198.2190, -11.9400, 49.7969
Hunter-Lab	73.8838, 25.3809, 13.8344

Details

The Yxy color **54.5881, 0.3861, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.7371, 0.2671, 0.3289**, and the grayscale version is **56.6612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5108, 0.3307, 0.3300**, and **26.8156, 0.4050, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **44.7493, 0.4216, 0.3293**, and if you desaturate by 10%, it is **66.4813, 0.3572, 0.3291**.

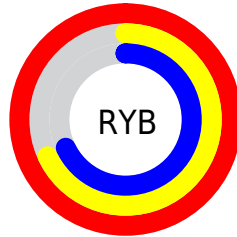
Distribution



Red (100%)

Green (68%)

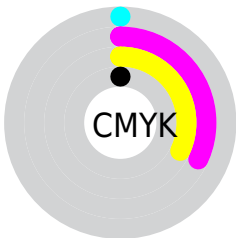
Blue (68%)



Red (100%)

Yellow (68%)

Blue (68%)

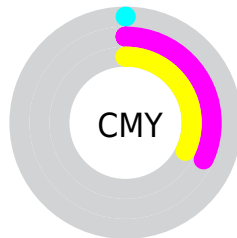


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5881, 0.3861, 0.3292 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 54.5881, 0.3861, 0.3292 by changing the saturation by 10% instead.


 54.5881, 0.3861,
0.3292

 54.5881, 0.3861,
0.3292


404.3487, 0.3500,
0.3300

 39.0720, 0.3949,
0.3288


 96.9372, 0.3731,
0.3297

 26.8158, 0.4060,
0.3281


124.5390, 0.3682,
0.3298

 17.4349, 0.4206,
0.3269


156.9382, 0.3641,
0.3299

 10.5451, 0.4404,
0.3249

194.5192, 0.3605,
0.3299

 5.7618, 0.4687,
0.3212

237.6663, 0.3573,
0.3300

 2.7008, 0.5123,
0.3137

286.7640, 0.3546,

 0.9776, 0.6186,

0.3300

0.3122

342.1967, 0.3522,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5881, 0.3861,
0.3292

54.5881, 0.3861,
0.3292

44.7493, 0.4216,
0.3293

66.4813, 0.3572,
0.3291

36.8548, 0.4639,
0.3294

80.5432, 0.3340,
0.3291

30.7737, 0.5113,
0.3296

96.8717, 0.3156,
0.3290

26.3621, 0.5594,
0.3297

100.0000, 0.3127,
0.3290

■ 23.4542, 0.6011,
0.3298

■ 21.8504, 0.6288,
0.3299

■ 21.2601, 0.6401,
0.3300

Harmonies

Analogous

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



54.5881, 0.3532, 0.2969



54.5881, 0.3861, 0.3292



54.5881, 0.3977, 0.3634

Triad

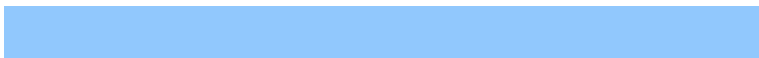
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.5881, 0.3861, 0.3292



54.5881, 0.3106, 0.3959



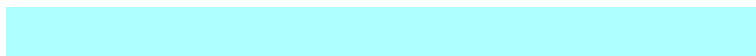
54.5881, 0.2438, 0.2650

Complementary

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



54.5881, 0.3861, 0.3292



87.7371, 0.2671, 0.3289

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.



54.5881, 0.2345, 0.2860



54.5881, 0.3861, 0.3292



54.5881, 0.2712, 0.3637

Square

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



54.5881, 0.3861, 0.3292



54.5881, 0.3523, 0.4056



54.5881, 0.2440, 0.3219



54.5881, 0.2706, 0.2609

Rectangle

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



54.5881, 0.3861, 0.3292



54.5881, 0.3915, 0.3836



54.5881, 0.2440, 0.3219



54.5881, 0.2387, 0.2701

Sweetspot

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



54.5859, 0.3861, 0.3292



83.2611, 0.3304, 0.3291



58.4945, 0.3154, 0.2495



17.3574, 0.3333, 0.3291



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.



54.5859, 0.3861, 0.3292



48.2204, 0.4074, 0.3293



71.9781, 0.3733, 0.3695



17.9871, 0.3295, 0.3290



11.1089, 0.6401, 0.3300



1.0816, 0.6400, 0.3299

Inverse Universe

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



54.5859, 0.3861, 0.3292



48.2204, 0.4074, 0.3293



65.2513, 0.2617, 0.2846



17.9871, 0.3295, 0.3290



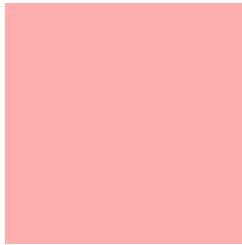
11.1089, 0.6401, 0.3300



1.0816, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 54.5881, 0.3861, 0.3292 looks on a white background.

Color Contrast Check

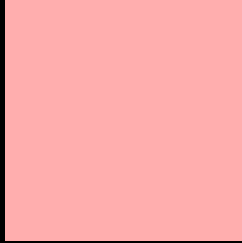
Large Text (above 18pt) WCAG AA × Fail

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 54.5881, 0.3861, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

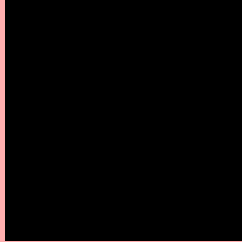
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5881, 0.3861, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 54.5881, 0.3861, 0.3292.



This preview shows how white text looks on a background with the Yxy color 54.5881, 0.3861, 0.3292.

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

54.5881, 0.3861, 0.3292

Protanopia

54.9505, 0.3251, 0.3412

Deuteranopia

54.5947, 0.3564, 0.3489



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.5881, 0.3861, 0.3292



Protanomaly

54.2490, 0.3465, 0.3361



Deuteranomaly

54.5077, 0.3674, 0.3415



Tritanomaly

54.5245, 0.3790, 0.3197

Monochromacy



Original Color

54.5881, 0.3861, 0.3292



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.1294, 0.3378, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5881, 0.3861, 0.3292 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, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 174)  
}
```

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, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.5881, 0.3861, 0.3292 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, 174, 174) }
```

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

```
.border{ border-color:rgb(255, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5881, 0.3861, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 174) }
```

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

```
.background{ background-color: rgb(255,  
174, 174) }
```

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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