

Converting Colors

$Y_{xy}(48.3695, 0.4153, 0.3396)$

Have a look what the booklet for
Yxy(48.3695, 0.4153, 0.3396)
contains.

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Color

Yxy(48.2583, 0.4152, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F96
RGB	255, 159, 150
RGB Percent	100%, 62%, 59%
CMY	0.0000, 0.3764, 0.4119
CMYK	0.00, 0.38, 0.41, 0.00
HSL	5°, 100%, 79%
HSV	5°, 41%, 100%
XYZ	59.1406, 48.2583, 35.0400
YIQ	186.6780, 60.1050, 17.5530

Conversions

Conversions Part 2

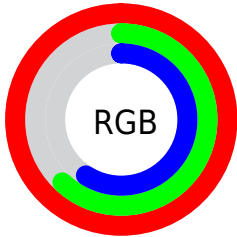
Format	Color
R _Y B	255, 160, 150
Decimal	16752534
CIE Lab	74.99, 34.67, 19.82
CIE LCh	75, 39.937, 29.753
Yxy	48.2583, 0.4152, 0.3388
Android (android.graphics.Color)	4294942614 (0xFFFF9F96)
YUV	186.6780, -18.0823, 59.9184
Hunter-Lab	69.4682, 30.3938, 18.7217

Details

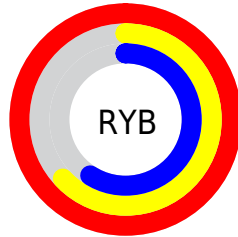
The Yxy color **48.2583, 0.4152, 0.3388** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.5880, 0.2545, 0.3186**, and the grayscale version is **49.5823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2205, 0.3505, 0.3403**, and **22.8110, 0.4441, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **40.2523, 0.4545, 0.3409**, and if you desaturate by 10%, it is **57.9589, 0.3820, 0.3364**.

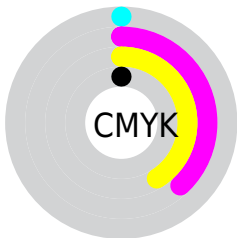
Distribution



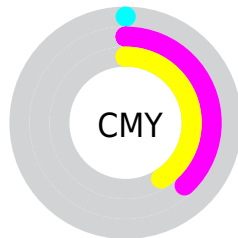
- Red (100%)
- Green (62%)
- Blue (59%)



- Red (100%)
- Yellow (63%)
- Blue (59%)



- Cyan (0%)
- Magenta (38%)
- Yellow (41%)
- Black (0%)




- Cyan (0%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2583, 0.4152, 0.3388 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 48.2583, 0.4152, 0.3388 by changing the saturation by 10% instead.


 48.2583, 0.4152,
0.3388


 48.2583, 0.4152,
0.3388


379.8151, 0.3637,
0.3359

 34.0315, 0.4280,
0.3389


 87.5889, 0.3965,
0.3382

 22.9178, 0.4442,
0.3387


 113.4614, 0.3895,
0.3378

 14.5328, 0.4656,
0.3378


143.9846, 0.3836,
0.3375

 8.4922, 0.4948,
0.3355

179.5430, 0.3785,
0.3371

 4.4115, 0.5365,
0.3297

220.5208, 0.3740,
0.3368

 1.9063, 0.6087,
0.3205

267.3025, 0.3702,

 0.5522, 0.7296,

0.3365

0.2704

320.2724, 0.3668,
0.3362

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2583, 0.4152,
0.3388

48.2583, 0.4152,
0.3388

40.2523, 0.4545,
0.3409

57.9589, 0.3820,
0.3364

33.8367, 0.4988,
0.3422

69.4359, 0.3547,
0.3339

28.9074, 0.5449,
0.3422

82.7746, 0.3325,
0.3315

25.3446, 0.5872,
0.3405

98.0528, 0.3146,
0.3293

■ 23.0098, 0.6189,
0.3372

99.9995, 0.3127,
0.3290

■ 21.8312, 0.6351,
0.3339

Harmonies

Analogous

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



48.2583, 0.3780, 0.2973



48.2583, 0.4152, 0.3388



48.2583, 0.4213, 0.3815

Triad

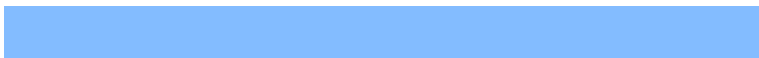
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.2583, 0.4152, 0.3388



48.2583, 0.2952, 0.4094



48.2583, 0.2316, 0.2439

Complementary

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



48.2583, 0.4152, 0.3388



79.5880, 0.2545, 0.3186

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.



48.2583, 0.2142, 0.2640



48.2583, 0.4152, 0.3388



48.2583, 0.2483, 0.3605

Square

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



48.2583, 0.4152, 0.3388



48.2583, 0.3494, 0.4295



48.2583, 0.2198, 0.3053



48.2583, 0.2698, 0.2449

Rectangle

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



48.2583, 0.4152, 0.3388



48.2583, 0.4075, 0.4063



48.2583, 0.2198, 0.3053



48.2583, 0.2233, 0.2482

Sweetspot

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



48.2607, 0.4152, 0.3388



81.6200, 0.3342, 0.3317



49.7324, 0.3247, 0.2347



17.0782, 0.3368, 0.3320



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.



48.2607, 0.4152, 0.3388



41.8647, 0.4454, 0.3405



70.1671, 0.3917, 0.3921



18.2382, 0.3292, 0.3311



11.4931, 0.6337, 0.3350



1.2007, 0.6207, 0.3454

Inverse Universe

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



79.5880, 0.2545, 0.3186



76.8200, 0.2458, 0.3164



52.1662, 0.2443, 0.2556



20.1982, 0.2980, 0.3269



34.3515, 0.2172, 0.3018



3.4201, 0.2181, 0.3051

Previews

White Background



This preview shows how the Yxy color 48.2583, 0.4152, 0.3388 looks on a white background.

Color Contrast Check

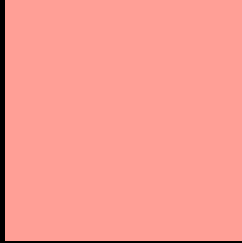
Large Text (above 18pt) WCAG AA × Fail

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 48.2583, 0.4152, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

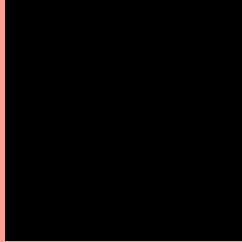
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2583, 0.4152, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 48.2583, 0.4152, 0.3388.



This preview shows how white text looks on a background with the Yxy color 48.2583, 0.4152, 0.3388.

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

48.2583, 0.4152, 0.3388

Protanopia

48.3589, 0.3392, 0.3572

Deuteranopia

48.5463, 0.3739, 0.3666



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.2583, 0.4152, 0.3388

Protanomaly

47.7275, 0.3650, 0.3497

Deuteranomaly

48.0869, 0.3887, 0.3558

Tritanomaly

48.2869, 0.4045, 0.3261

Monochromacy



Original Color

48.2583, 0.4152, 0.3388

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4973, 0.3466, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2583, 0.4152, 0.3388 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, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 150)  
}
```

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, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 150) }
```

Border

The CSS property to change the border of an element to Yxy 48.2583, 0.4152, 0.3388 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, 159, 150) }
```

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

```
.border{ border-color:rgb(255, 159, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2583, 0.4152, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 150) }
```

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

```
.background{ background-color: rgb(255,  
159, 150) }
```

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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