

Converting Colors

$Yxy(60.2033, 0.4616, 0.3385)$

Have a look what the booklet for
Yxy(60.2033, 0.4616, 0.3385)
contains.

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Color

Yxy(48.2262, 0.4162, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F95
RGB	255, 159, 149
RGB Percent	100%, 62%, 58%
CMY	0.0000, 0.3765, 0.4157
CMYK	0.00, 0.38, 0.42, 0.00
HSL	6°, 100%, 79%
HSV	6°, 42%, 100%
XYZ	59.0693, 48.2262, 34.6298
YIQ	186.5640, 60.4260, 17.2420

Conversions

Conversions Part 2

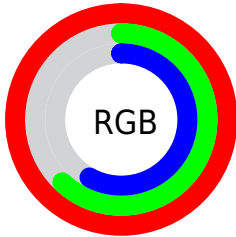
Format	Color
R _Y B	255, 160, 149
Decimal	16752533
CIE Lab	74.97, 34.59, 20.32
CIE LCh	75, 40.116, 30.435
Yxy	48.2262, 0.4162, 0.3398
Android (android.graphics.Color)	4294942613 (0xFFFF9F95)
YUV	186.5640, -18.5191, 60.0184
Hunter-Lab	69.4451, 30.3014, 19.0458

Details

The Yxy color **48.2262, 0.4162, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.9199, 0.2539, 0.3175**, and the grayscale version is **49.5137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1727, 0.3512, 0.3414**, and **22.7920, 0.4455, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **40.2822, 0.4554, 0.3420**, and if you desaturate by 10%, it is **57.8286, 0.3829, 0.3372**.

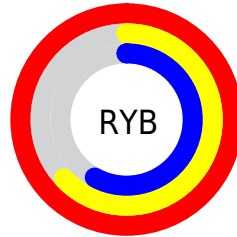
Distribution



Red (100%)

Green (62%)

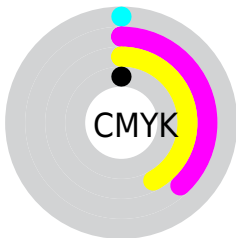
Blue (58%)



Red (100%)

Yellow (63%)

Blue (58%)

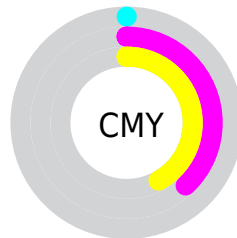


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2262, 0.4162, 0.3398 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 48.2262, 0.4162, 0.3398 by changing the saturation by 10% instead.


 48.2262, 0.4162,
0.3398


 48.2262, 0.4162,
0.3398


379.6880, 0.3642,
0.3364

 34.0061, 0.4291,
0.3400


 87.5411, 0.3974,
0.3391

 22.8982, 0.4455,
0.3399


 113.4046, 0.3903,
0.3386

 14.5184, 0.4671,
0.3391


143.9181, 0.3843,
0.3382

 8.4821, 0.4965,
0.3369

179.4659, 0.3791,
0.3378

 4.4049, 0.5384,
0.3312

220.4324, 0.3746,
0.3374

 1.9026, 0.6123,
0.3227

267.2020, 0.3707,

 0.5499, 0.7296,

0.3371

0.2704

320.1590, 0.3673,
0.3368

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2262, 0.4162,
0.3398

48.2262, 0.4162,
0.3398

40.2822, 0.4554,
0.3420

57.8286, 0.3829,
0.3372

33.9079, 0.4996,
0.3434

69.1824, 0.3555,
0.3345

28.9971, 0.5454,
0.3434

82.3666, 0.3333,
0.3318

25.4332, 0.5874,
0.3416

97.4570, 0.3152,
0.3294

■ 23.0813, 0.6187,
0.3379

100.0000, 0.3127,
0.3290

■ 21.9148, 0.6344,
0.3345

Harmonies

Analogous

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



48.2262, 0.3794, 0.2980



48.2262, 0.4162, 0.3398



48.2262, 0.4216, 0.3826

Triad

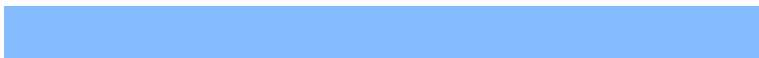
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.2262, 0.4162, 0.3398



48.2262, 0.2939, 0.4090



48.2262, 0.2319, 0.2434

Complementary

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



48.2262, 0.4162, 0.3398



78.9199, 0.2539, 0.3175

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.



48.2262, 0.2140, 0.2630



48.2262, 0.4162, 0.3398



48.2262, 0.2471, 0.3594

Square

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



48.2262, 0.4162, 0.3398



48.2262, 0.3483, 0.4299



48.2262, 0.2190, 0.3040



48.2262, 0.2707, 0.2448

Rectangle

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



48.2262, 0.4162, 0.3398



48.2262, 0.4072, 0.4073



48.2262, 0.2190, 0.3040



48.2262, 0.2234, 0.2475

Sweetspot

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



48.2243, 0.4162, 0.3398



81.7574, 0.3341, 0.3319



49.4199, 0.3249, 0.2339



17.1103, 0.3368, 0.3323



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.



48.2243, 0.4162, 0.3398



41.4210, 0.4489, 0.3417



69.9364, 0.3926, 0.3927



18.2622, 0.3292, 0.3313



11.5423, 0.6329, 0.3356



1.2121, 0.6189, 0.3468

Inverse Universe

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



78.9199, 0.2539, 0.3175



75.8609, 0.2446, 0.3149



51.8243, 0.2436, 0.2548



20.1714, 0.2980, 0.3267



33.7453, 0.2164, 0.2991



3.3674, 0.2174, 0.3028

Previews

White Background



This preview shows how the Yxy color 48.2262, 0.4162, 0.3398 looks on a white background.

Color Contrast Check

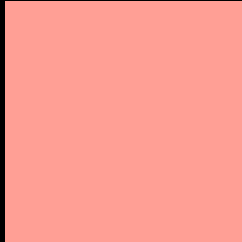
Large Text (above 18pt) WCAG AA × Fail

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 48.2262, 0.4162, 0.3398 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 48.2262, 0.4162, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 48.2262, 0.4162, 0.3398.



This preview shows how white text looks on a background with the Yxy color 48.2262, 0.4162, 0.3398.

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

48.2262, 0.4162, 0.3398

Protanopia

48.3235, 0.3400, 0.3585

Deuteranopia

48.5150, 0.3747, 0.3678



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.2262, 0.4162, 0.3398



Protanomaly

47.6932, 0.3659, 0.3509



Deuteranomaly

48.0554, 0.3897, 0.3569



Tritanomaly

48.2869, 0.4045, 0.3261

Monochromacy



Original Color

48.2262, 0.4162, 0.3398



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.4585, 0.3474, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2262, 0.4162, 0.3398 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 149) }
```

Border

The CSS property to change the border of an element to Yxy 48.2262, 0.4162, 0.3398 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, 149) }
```

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

```
.border{ border-color:rgb(255, 159, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2262, 0.4162, 0.3398 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
159, 149) }
```

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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