

Converting Colors

$Yxy(48.4635, 0.3960, 0.3432)$

Have a look what the booklet for
Yxy(48.4635, 0.3960, 0.3432)
contains.

Yxy(48.3063, 0.3953, 0.3426)	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(48.3063, 0.3953, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	F1A69A
RGB	241, 166, 154
RGB Percent	95%, 65%, 60%
CMY	0.0550, 0.3489, 0.3961
CMYK	0.00, 0.31, 0.36, 0.06
HSL	8°, 76%, 77%
HSV	8°, 36%, 94%
XYZ	55.7370, 48.3063, 36.9559
YIQ	187.0570, 48.5520, 12.1680

Conversions

Conversions Part 2

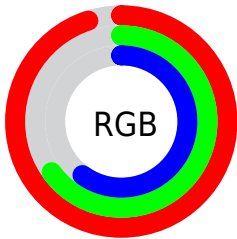
Format	Color
R _Y B	241, 168, 154
Decimal	15836826
CIE Lab	75.02, 26.19, 17.42
CIE LCh	75, 31.454, 33.624
Yxy	48.3063, 0.3953, 0.3426
Android (android.graphics.Color)	4294026906 (0xFFFF1A69A)
YUV	187.0570, -16.2971, 47.3080
Hunter-Lab	69.5027, 21.5163, 17.1263

Details

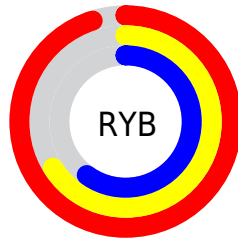
The Yxy color **48.3063, 0.3953, 0.3426** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.2279, 0.2600, 0.3147**, and the grayscale version is **49.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0566, 0.3463, 0.3433**, and **22.8568, 0.4192, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **40.6336, 0.4299, 0.3462**, and if you desaturate by 10%, it is **57.3638, 0.3663, 0.3387**.

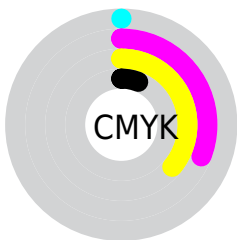
Distribution



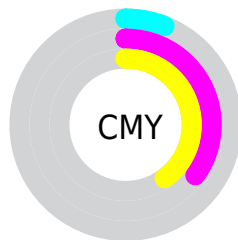
- Red (95%)
- Green (65%)
- Blue (60%)



- Red (95%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3063, 0.3953, 0.3426 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 48.3063, 0.3953, 0.3426 by changing the saturation by 10% instead.


 48.3063, 0.3953,
0.3426


 48.3063, 0.3953,
0.3426


380.0049, 0.3538,
0.3372

 34.0695, 0.4056,
0.3435


 87.6603, 0.3802,
0.3409

 22.9470, 0.4188,
0.3445

 113.5463, 0.3746,
0.3402

 14.5544, 0.4363,
0.3453


144.0841, 0.3698,
0.3396

 8.5072, 0.4603,
0.3456

179.6582, 0.3657,
0.3390

 4.4212, 0.4952,
0.3443

220.6529, 0.3621,
0.3385

 1.9119, 0.5538,
0.3406

267.4527, 0.3590,

 0.5555, 0.6856,

0.3380

0.3144

320.4419, 0.3563,
0.3376

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3063, 0.3953,
0.3426

48.3063, 0.3953,
0.3426

40.6336, 0.4299,
0.3462

57.3638, 0.3663,
0.3387

34.2705, 0.4699,
0.3491

67.8625, 0.3424,
0.3348

29.1456, 0.5136,
0.3505

79.8641, 0.3228,
0.3311

25.1774, 0.5572,
0.3498

93.4247, 0.3069,
0.3277

■ 22.2747, 0.5952,
0.3463

■ 97.4357, 0.3041,
0.3290

■ 20.3319, 0.6219,
0.3406

■ 19.8010, 0.6294,
0.3385

Harmonies

Analogous

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



48.3063, 0.3690, 0.3081



48.3063, 0.3953, 0.3426



48.3063, 0.3973, 0.3764

Triad

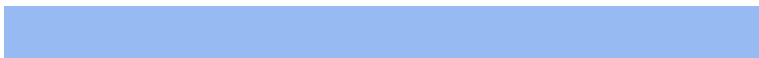
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.3063, 0.3953, 0.3426



48.3063, 0.2942, 0.3871



48.3063, 0.2509, 0.2600

Complementary

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



48.3063, 0.3953, 0.3426



69.2279, 0.2600, 0.3147

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.



48.3063, 0.2342, 0.2748



48.3063, 0.3953, 0.3426



48.3063, 0.2578, 0.3483

Square

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



48.3063, 0.3953, 0.3426



48.3063, 0.3373, 0.4067



48.3063, 0.2366, 0.3062



48.3063, 0.2840, 0.2623

Rectangle

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



48.3063, 0.3953, 0.3426



48.3063, 0.3850, 0.3944



48.3063, 0.2366, 0.3062



48.3063, 0.2433, 0.2629

Sweetspot

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



48.3086, 0.3953, 0.3426



83.8589, 0.3320, 0.3329



47.4837, 0.3267, 0.2502



17.5552, 0.3347, 0.3334



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.



48.3086, 0.3953, 0.3426



48.6338, 0.4191, 0.3452



66.6691, 0.3783, 0.3885



16.1112, 0.3290, 0.3323



10.8528, 0.6274, 0.3400



1.0120, 0.6064, 0.3567

Inverse Universe

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



69.2279, 0.2600, 0.3147



75.4978, 0.2513, 0.3115



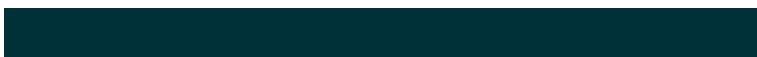
48.2890, 0.2525, 0.2609



17.5345, 0.2981, 0.3256



27.9716, 0.2124, 0.2846



2.4286, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 48.3063, 0.3953, 0.3426 looks on a white background.

Color Contrast Check

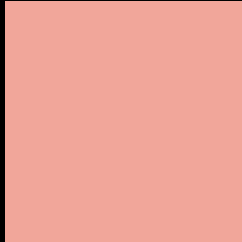
Large Text (above 18pt) WCAG AA × Fail

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 48.3063, 0.3953, 0.3426 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 48.3063, 0.3953, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 48.3063, 0.3953, 0.3426.



This preview shows how white text looks on a background with the Yxy color 48.3063, 0.3953, 0.3426.

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

48.3063, 0.3953, 0.3426

Protanopia

48.6797, 0.3372, 0.3573

Deuteranopia

48.4039, 0.3676, 0.3608



Tritanopia

48.3442, 0.3778, 0.3160

Trichromacy



Original Color

48.3063, 0.3953, 0.3426

Protanomaly

48.0805, 0.3568, 0.3512

Deuteranomaly

48.4193, 0.3774, 0.3539

Tritanomaly

48.2182, 0.3844, 0.3259

Monochromacy



Original Color

48.3063, 0.3953, 0.3426

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.6007, 0.3408, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3063, 0.3953, 0.3426 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(241, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(241, 166, 154)  
}
```

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(241, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 166, 154) }
```

Border

The CSS property to change the border of an element to Yxy 48.3063, 0.3953, 0.3426 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(241, 166, 154) }
```

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

```
.border{ border-color:rgb(241, 166, 154) }
```

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

Here you see how a box with a 4 pixel rgb(241, 166, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(241, 166,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3063, 0.3953, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 166, 154) }
```

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

```
.background{ background-color: rgb(241,  
166, 154) }
```

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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