

Converting Colors

$Yxy(46.3177, 0.3951, 0.3394)$

Have a look what the booklet for
Yxy(46.3177, 0.3951, 0.3394)
contains.

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Color

Yxy(46.3177, 0.3951, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	EEA299
RGB	238, 162, 153
RGB Percent	93%, 64%, 60%
CMY	0.0668, 0.3646, 0.4000
CMYK	0.00, 0.32, 0.36, 0.07
HSL	6°, 71%, 77%
HSV	6°, 36%, 93%
XYZ	53.9190, 46.3177, 36.2326
YIQ	183.6980, 48.1850, 13.3130

Conversions

Conversions Part 2

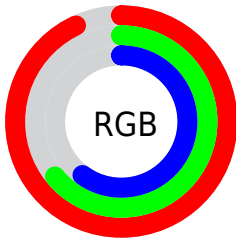
Format	Color
R _Y B	238, 163, 153
Decimal	15639193
CIE Lab	73.75, 27.05, 16.15
CIE LCh	74, 31.504, 30.839
Yxy	46.3177, 0.3951, 0.3394
Android (android.graphics.Color)	4293829273 (0xFFEEA299)
YUV	183.6980, -15.1341, 47.6229
Hunter-Lab	68.0571, 22.3188, 16.0748

Details

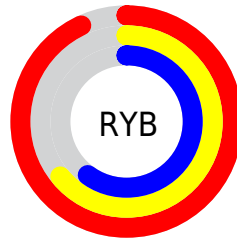
The Yxy color **46.3177, 0.3951, 0.3394** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9396, 0.2610, 0.3182**, and the grayscale version is **47.8235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3907, 0.3479, 0.3393**, and **21.8145, 0.4188, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **38.7396, 0.4303, 0.3422**, and if you desaturate by 10%, it is **55.3240, 0.3657, 0.3364**.

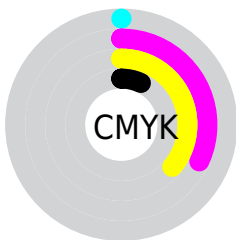
Distribution



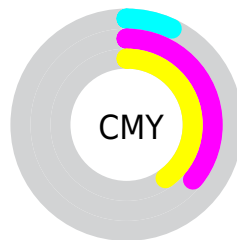
- Red (93%)
- Green (64%)
- Blue (60%)



- Red (93%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3177, 0.3951, 0.3394 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 46.3177, 0.3951, 0.3394 by changing the saturation by 10% instead.


 46.3177, 0.3951,
0.3394


 46.3177, 0.3951,
0.3394

372.0844, 0.3534,
0.3355

 32.4966, 0.4056,
0.3400


 84.6943, 0.3799,
0.3383

 21.7411, 0.4190,
0.3405


 110.0185, 0.3742,
0.3378

 13.6668, 0.4369,
0.3407


139.9459, 0.3694,
0.3373

 7.8893, 0.4617,
0.3402

174.8609, 0.3653,
0.3369

 4.0242, 0.4982,
0.3376

215.1479, 0.3617,
0.3365

 1.6871, 0.5624,
0.3332

261.1912, 0.3586,

 0.4153, 0.7211,

0.3361

0.2789

313.3752, 0.3559,
0.3358

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.3177, 0.3951,
0.3394

46.3177, 0.3951,
0.3394

38.7396, 0.4303,
0.3422

55.3240, 0.3657,
0.3364

32.5100, 0.4712,
0.3444

65.8196, 0.3417,
0.3334

27.5515, 0.5159,
0.3455

77.8703, 0.3222,
0.3305

23.7761, 0.5605,
0.3448

91.5357, 0.3063,
0.3279

■ 21.0845, 0.5990,
0.3420

■ 96.9098, 0.3023,
0.3290

■ 19.3611, 0.6253,
0.3374

■ 18.8779, 0.6329,
0.3356

Harmonies

Analogous

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



46.3177, 0.3664, 0.3048



46.3177, 0.3951, 0.3394



46.3177, 0.3996, 0.3741

Triad

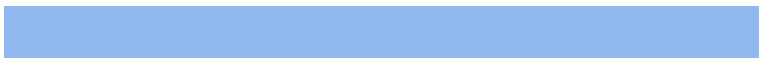
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.3177, 0.3951, 0.3394



46.3177, 0.2978, 0.3910



46.3177, 0.2476, 0.2596

Complementary

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



46.3177, 0.3951, 0.3394



68.9396, 0.2610, 0.3182

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.



46.3177, 0.2325, 0.2762



46.3177, 0.3951, 0.3394



46.3177, 0.2598, 0.3527

Square

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



46.3177, 0.3951, 0.3394



46.3177, 0.3416, 0.4085



46.3177, 0.2367, 0.3095



46.3177, 0.2798, 0.2604

Rectangle

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



46.3177, 0.3951, 0.3394



46.3177, 0.3884, 0.3932



46.3177, 0.2367, 0.3095



46.3177, 0.2405, 0.2631

Sweetspot

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



46.3199, 0.3951, 0.3394



83.3591, 0.3321, 0.3320



46.6336, 0.3241, 0.2484



17.4371, 0.3348, 0.3324



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.



46.3199, 0.3951, 0.3394



47.4315, 0.4208, 0.3415



63.6423, 0.3785, 0.3849



16.0292, 0.3291, 0.3316



10.6245, 0.6314, 0.3369



0.9731, 0.6136, 0.3510

Inverse Universe

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



68.9396, 0.2610, 0.3182



77.5782, 0.2520, 0.3156



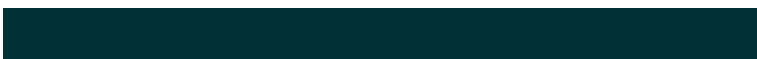
48.4746, 0.2538, 0.2655



17.6250, 0.2981, 0.3264



30.0239, 0.2154, 0.2952



2.5793, 0.2167, 0.3001

Previews

White Background



This preview shows how the Yxy color 46.3177, 0.3951, 0.3394 looks on a white background.

Color Contrast Check

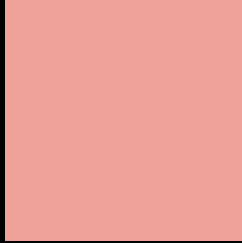
Large Text (above 18pt) WCAG AA × Fail

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 46.3177, 0.3951, 0.3394 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 46.3177, 0.3951, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 46.3177, 0.3951, 0.3394.



This preview shows how white text looks on a background with the Yxy color 46.3177, 0.3951, 0.3394.

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

46.3177, 0.3951, 0.3394

Protanopia

46.5109, 0.3344, 0.3525

Deuteranopia

46.5959, 0.3657, 0.3588



Tritanopia

46.2618, 0.3802, 0.3158

Trichromacy



Original Color

46.3177, 0.3951, 0.3394

Protanomaly

46.0407, 0.3560, 0.3478

Deuteranomaly

46.2321, 0.3760, 0.3508

Tritanomaly

46.1727, 0.3859, 0.3247

Monochromacy



Original Color

46.3177, 0.3951, 0.3394

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.9052, 0.3404, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3177, 0.3951, 0.3394 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(238, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(238, 162, 153)  
}
```

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(238, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 162, 153) }
```

Border

The CSS property to change the border of an element to Yxy 46.3177, 0.3951, 0.3394 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(238, 162, 153) }
```

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

```
.border{ border-color:rgb(238, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(238, 162,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3177, 0.3951, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 162, 153) }
```

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

```
.background{ background-color: rgb(238,  
162, 153) }
```

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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