

Converting Colors

$Yxy(43.6589, 0.3868, 0.3179)$

Have a look what the booklet for
Yxy(43.6589, 0.3868, 0.3179)
contains.

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Color

Yxy(43.7961, 0.3861, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	ED9AA4
RGB	237, 154, 164
RGB Percent	93%, 60%, 64%
CMY	0.0704, 0.3961, 0.3568
CMYK	0.00, 0.35, 0.31, 0.07
HSL	353°, 70%, 77%
HSV	353°, 35%, 93%
XYZ	53.1918, 43.7961, 40.7790
YIQ	179.9570, 46.2580, 20.7060

Conversions

Conversions Part 2

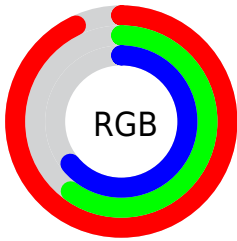
Format	Color
R _Y B	237, 154, 164
Decimal	15571620
CIE Lab	72.09, 32.33, 7.72
CIE LCh	72, 33.241, 13.428
Yxy	43.7961, 0.3861, 0.3179
Android (android.graphics.Color)	4293761700 (0xFFED9AA4)
YUV	179.9570, -7.8668, 50.0267
Hunter-Lab	66.1786, 27.6588, 9.7908

Details

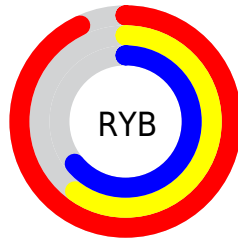
The Yxy color **43.7961, 0.3861, 0.3179** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.0050, 0.2683, 0.3408**, and the grayscale version is **45.6435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9754, 0.3404, 0.3190**, and **20.2563, 0.4080, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **36.0397, 0.4188, 0.3149**, and if you desaturate by 10%, it is **53.2249, 0.3593, 0.3212**.

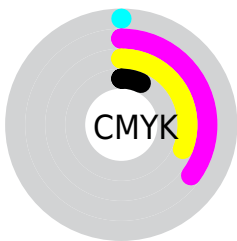
Distribution



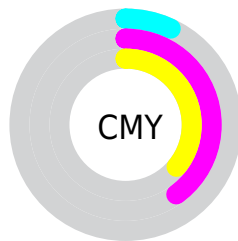
- Red (93%)
- Green (60%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7961, 0.3861, 0.3179 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 43.7961, 0.3861, 0.3179 by changing the saturation by 10% instead.

 43.7961, 0.3861,
0.3179

 43.7961, 0.3861,
0.3179


361.8756, 0.3487,
0.3242

 30.5102, 0.3956,
0.3161


 80.9108, 0.3724,
0.3204

 20.2262, 0.4079,
0.3136


 105.5085, 0.3673,
0.3212

 12.5596, 0.4244,
0.3102


134.6456, 0.3630,
0.3220

 7.1260, 0.4476,
0.3048


168.7064, 0.3593,
0.3226

 3.5410, 0.4825,
0.2960

208.0754, 0.3561,
0.3231

 1.4203, 0.5401,
0.2794

253.1370, 0.3534,

 0.2316, 0.8151,

0.3235

0.1849

304.2756, 0.3509,
0.3239

0.0000, 0.0000,
0.0000

43.7961, 0.3861,
0.3179

43.7961, 0.3861,
0.3179

36.0397, 0.4188,
0.3149

53.2249, 0.3593,
0.3212

29.8520, 0.4573,
0.3125

64.4091, 0.3376,
0.3244

25.1275, 0.5007,
0.3114

77.4342, 0.3202,
0.3275

21.7453, 0.5454,
0.3123

92.3777, 0.3061,
0.3304

19.5649, 0.5862,
0.3154

96.7510, 0.3018,
0.3290

■ 18.4145, 0.6167,
0.3205

■ 18.0978, 0.6274,
0.3230

Harmonies

Analogous

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



43.7961, 0.3442, 0.2844



43.7961, 0.3861, 0.3179



43.7961, 0.4068, 0.3557

Triad

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



43.7961, 0.3861, 0.3179



43.7961, 0.3238, 0.4104



43.7961, 0.2313, 0.2625

Complementary

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



43.7961, 0.3861, 0.3179



73.0050, 0.2683, 0.3408

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.



43.7961, 0.2270, 0.2908



43.7961, 0.3861, 0.3179



43.7961, 0.2780, 0.3805

Square

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



43.7961, 0.3861, 0.3179



43.7961, 0.3686, 0.4124



43.7961, 0.2433, 0.3343



43.7961, 0.2554, 0.2530

Rectangle

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



43.7961, 0.3861, 0.3179



43.7961, 0.4051, 0.3798



43.7961, 0.2433, 0.3343



43.7961, 0.2276, 0.2699

Sweetspot

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



43.7982, 0.3861, 0.3179



81.9030, 0.3302, 0.3257



45.3858, 0.3072, 0.2396



17.0936, 0.3326, 0.3253



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.



43.7982, 0.3861, 0.3179



44.9758, 0.4088, 0.3157



54.8067, 0.3844, 0.3632



15.0836, 0.3274, 0.3262



9.8872, 0.6248, 0.3216



0.7860, 0.5951, 0.3052

Inverse Universe

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



43.7982, 0.3861, 0.3179



44.9758, 0.4088, 0.3157



57.4100, 0.2583, 0.2917



15.0836, 0.3274, 0.3262



9.8872, 0.6248, 0.3216



0.7860, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 43.7961, 0.3861, 0.3179 looks on a white background.

Color Contrast Check

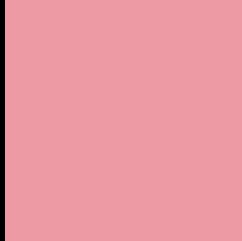
Large Text (above 18pt) WCAG AA × Fail

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 43.7961, 0.3861, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

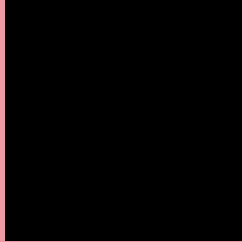
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7961, 0.3861, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 43.7961, 0.3861, 0.3179.



This preview shows how white text looks on a background with the Yxy color 43.7961, 0.3861, 0.3179.

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

43.7961, 0.3861, 0.3179

Protanopia

43.8886, 0.3162, 0.3290

Deuteranopia

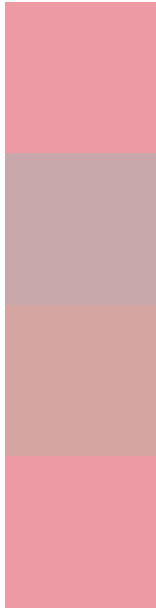
43.9784, 0.3484, 0.3419



Tritanopia

43.8323, 0.3850, 0.3168

Trichromacy



Original Color

43.7961, 0.3861, 0.3179

Protanomaly

43.4013, 0.3400, 0.3240

Deuteranomaly

43.6650, 0.3614, 0.3328

Tritanomaly

43.8323, 0.3850, 0.3168

Monochromacy



Original Color

43.7961, 0.3861, 0.3179

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5993, 0.3376, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7961, 0.3861, 0.3179 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(237, 154, 164)` looks like.

```
.text, #text, p{  
    color:rgb(237, 154, 164)  
}
```

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(237, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.7961, 0.3861, 0.3179 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(237, 154, 164) }
```

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

```
.border{ border-color:rgb(237, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7961, 0.3861, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 164) }
```

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

```
.background{ background-color: rgb(237,  
154, 164) }
```

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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