

Converting Colors

$Yxy(37.7912, 0.4058, 0.3317)$

Have a look what the booklet for
Yxy(37.7912, 0.4058, 0.3317)
contains.

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Color

Yxy(37.8989, 0.4052, 0.3316)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E38F8D |
| RGB | 227, 143, 141 |
| RGB Percent | 89%, 56%, 55% |
| CMY | 0.1098, 0.4392, 0.4470 |
| CMYK | 0.00, 0.37, 0.38, 0.11 |
| HSL | 1°, 61%, 72% |
| HSV | 1°, 38%, 89% |
| XYZ | 46.3107, 37.8989, 30.0814 |
| YIQ | 167.8880, 50.7060, 17.1860 |

Conversions

Conversions Part 2

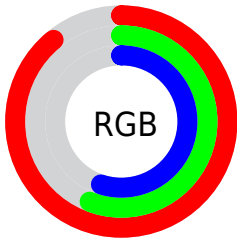
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 227, 143, 141 |
| Decimal | 14913421 |
| CIE Lab | 67.95, 31.61, 14.48 |
| CIE LCh | 68, 34.766, 24.605 |
| Yxy | 37.8989, 0.4052, 0.3316 |
| Android (android.graphics.Color) | 4293103501 (0xFFE38F8D) |
| YUV | 167.8880, -13.2558, 51.8412 |
| Hunter-Lab | 61.5621, 26.5448, 14.1223 |

Details

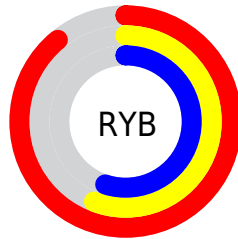
The Yxy color **37.8989, 0.4052, 0.3316** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0731, 0.2597, 0.3264**, and the grayscale version is **39.1493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5883, 0.3611, 0.3323**, and **16.6725, 0.4344, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **31.2793, 0.4439, 0.3323**, and if you desaturate by 10%, it is **45.9768, 0.3731, 0.3309**.

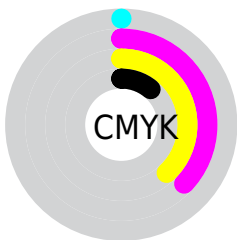
Distribution



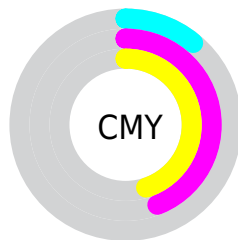
- Red (89%)
- Green (56%)
- Blue (55%)



- Red (89%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8989, 0.4052, 0.3316 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 37.8989, 0.4052, 0.3316 by changing the saturation by 10% instead.


 37.8989, 0.4052,
0.3316


 37.8989, 0.4052,
0.3316


337.1861, 0.3569,
0.3317


 25.9042, 0.4179,
0.3310


 71.9532, 0.3872,
0.3320

 16.7520, 0.4344,
0.3300


 94.7815, 0.3806,
0.3321

 10.0578, 0.4570,
0.3280


 121.9899, 0.3750,
0.3321

 5.4373, 0.4893,
0.3240

153.9627, 0.3703,
0.3320

 2.5061, 0.5386,
0.3151

191.0844, 0.3662,
0.3320

 0.8797, 0.6793,
0.3207

233.7392, 0.3627,


 0.0000, 1.0000,

0.3319


0.0000


282.3116, 0.3596,
0.3318


 0.0000, 0.0000,
0.0000

 37.8989, 0.4052,
0.3316


 37.8989, 0.4052,
0.3316


 31.2793, 0.4439,
0.3323


 45.9768, 0.3731,
0.3309


 26.0261, 0.4884,
0.3328

 55.5868, 0.3471,
0.3302


 22.0454, 0.5361,
0.3329

 66.8043, 0.3262,
0.3295

 19.2294, 0.5811,
0.3327

 79.6983, 0.3095,
0.3289

 17.4523, 0.6162,
0.3319

 94.3336, 0.2960,
0.3283

■ 16.5578, 0.6359,
0.3310

■ 95.0715, 0.2958,
0.3290

■ 16.4450, 0.6388,
0.3310

Harmonies

Analogous

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



37.8989, 0.3661, 0.2929



37.8989, 0.4052, 0.3316



37.8989, 0.4165, 0.3725

Triad

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



37.8989, 0.4052, 0.3316



37.8989, 0.3051, 0.4100



37.8989, 0.2314, 0.2502

Complementary

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



37.8989, 0.4052, 0.3316



65.0731, 0.2597, 0.3264

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.



37.8989, 0.2186, 0.2731



37.8989, 0.4052, 0.3316



37.8989, 0.2585, 0.3677

Square

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



37.8989, 0.4052, 0.3316



37.8989, 0.3562, 0.4236



37.8989, 0.2278, 0.3153



37.8989, 0.2647, 0.2476

Rectangle

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



37.8989, 0.4052, 0.3316



37.8989, 0.4069, 0.3970



37.8989, 0.2278, 0.3153



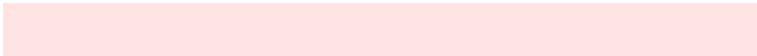
37.8989, 0.2248, 0.2555

Sweetspot

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



37.9008, 0.4052, 0.3316



82.0683, 0.3324, 0.3297



40.8548, 0.3184, 0.2370



17.1325, 0.3351, 0.3298



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.



37.9008, 0.4052, 0.3316



42.7740, 0.4332, 0.3321



53.1397, 0.3861, 0.3804



14.4209, 0.3292, 0.3296



9.6135, 0.6383, 0.3314



0.7293, 0.6334, 0.3352

Inverse Universe

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



65.0731, 0.2597, 0.3264



82.6616, 0.2516, 0.3258



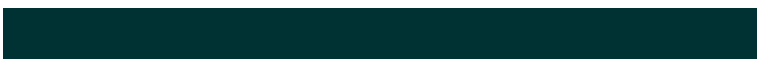
44.9044, 0.2516, 0.2709



16.2764, 0.2982, 0.3284



33.6562, 0.2227, 0.3217



2.5053, 0.2230, 0.3228

Previews

White Background



This preview shows how the Yxy color 37.8989, 0.4052, 0.3316 looks on a white background.

Color Contrast Check

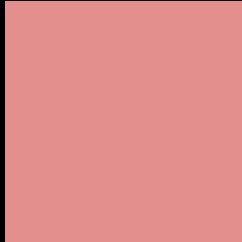
Large Text (above 18pt) WCAG AA × Fail

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 37.8989, 0.4052, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

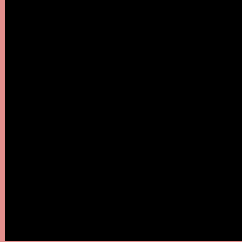
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8989, 0.4052, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 37.8989, 0.4052, 0.3316.



This preview shows how white text looks on a background with the Yxy color 37.8989, 0.4052, 0.3316.

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

37.8989, 0.4052, 0.3316

Protanopia

37.9479, 0.3309, 0.3475

Deuteranopia

38.1831, 0.3654, 0.3587



Tritanopia

37.8107, 0.3948, 0.3164

Trichromacy



Original Color

37.8989, 0.4052, 0.3316

Protanomaly

37.4585, 0.3565, 0.3412

Deuteranomaly

37.9544, 0.3800, 0.3485

Tritanomaly

37.9781, 0.3989, 0.3222

Monochromacy



Original Color

37.8989, 0.4052, 0.3316

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.0837, 0.3432, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8989, 0.4052, 0.3316 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(227, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(227, 143, 141)  
}
```

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(227, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 143, 141) }
```

Border

The CSS property to change the border of an element to Yxy 37.8989, 0.4052, 0.3316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

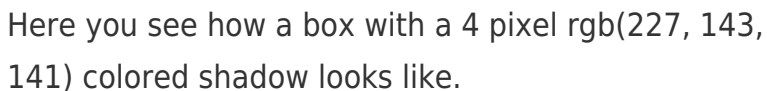
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 143, 141) }
```

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

```
.border{ border-color:rgb(227, 143, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 143, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 143, 141); box-shadow:4px 4px 4px 4px rgb(227, 143, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8989, 0.4052, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 143, 141) }
```

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

```
.background{ background-color: rgb(227,  
143, 141) }
```

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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