

Converting Colors

$Yxy(38.3353, 0.3960, 0.3245)$

Have a look what the booklet for
Yxy(38.3353, 0.3960, 0.3245)
contains.

Yxy(38.2534, 0.3960, 0.3245)	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(38.2534, 0.3960, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E29094
RGB	226, 144, 148
RGB Percent	89%, 56%, 58%
CMY	0.1138, 0.4353, 0.4195
CMYK	0.00, 0.36, 0.35, 0.11
HSL	357°, 59%, 73%
HSV	357°, 36%, 89%
XYZ	46.6821, 38.2534, 32.9486
YIQ	168.9740, 47.5880, 18.6280

Conversions

Conversions Part 2

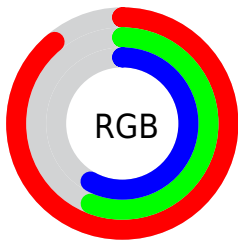
Format	Color
R _Y B	226, 144, 148
Decimal	14848148
CIE Lab	68.21, 31.53, 10.91
CIE LCh	68, 33.368, 19.087
Yxy	38.2534, 0.3960, 0.3245
Android (android.graphics.Color)	4293038228 (0xFFE29094)
YUV	168.9740, -10.3402, 50.0118
Hunter-Lab	61.8493, 26.4904, 11.7093

Details

The Yxy color **38.2534, 0.3960, 0.3245** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.5915, 0.2640, 0.3338**, and the grayscale version is **39.6988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3711, 0.3553, 0.3260**, and **16.8422, 0.4226, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **31.4619, 0.4322, 0.3234**, and if you desaturate by 10%, it is **46.5452, 0.3662, 0.3258**.

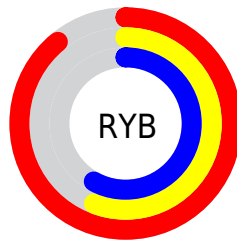
Distribution



Red (89%)

Green (56%)

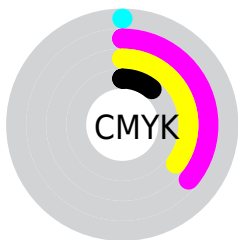
Blue (58%)



Red (89%)

Yellow (56%)

Blue (58%)

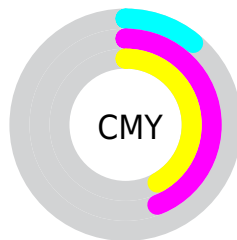


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2534, 0.3960, 0.3245 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 38.2534, 0.3960, 0.3245 by changing the saturation by 10% instead.

 38.2534, 0.3960,
0.3245


 38.2534, 0.3960,
0.3245


338.7057, 0.3526,
0.3279

 26.1794, 0.4074,
0.3233


 72.4964, 0.3798,
0.3260

 16.9579, 0.4223,
0.3214


 95.4341, 0.3739,
0.3265

 10.2045, 0.4426,
0.3185


122.7620, 0.3689,
0.3269

 5.5348, 0.4718,
0.3135

154.8643, 0.3646,
0.3272

 2.5643, 0.5168,
0.3040

192.1254, 0.3610,
0.3274

 0.9088, 0.6269,
0.2987

234.9297, 0.3578,

 0.0000, 1.0000,

0.3276


0.0000


283.6617, 0.3550,
0.3278

 0.0000, 0.0000,
0.0000


 38.2534, 0.3960,
0.3245


 38.2534, 0.3960,
0.3245

 31.4619, 0.4322,
0.3234


 46.5452, 0.3662,
0.3258


 26.0758, 0.4746,
0.3226


 56.4135, 0.3421,
0.3270


 21.9984, 0.5211,
0.3225

 67.9362, 0.3228,
0.3283

 19.1181, 0.5670,
0.3233

 81.1841, 0.3074,
0.3294

 17.3051, 0.6056,
0.3250

 94.9075, 0.2952,
0.3289

■ 16.3974, 0.6303,
0.3274

■ 16.1918, 0.6361,
0.3278

Harmonies

Analogous

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



38.2534, 0.3551, 0.2883



38.2534, 0.3960, 0.3245



38.2534, 0.4123, 0.3640

Triad

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



38.2534, 0.3960, 0.3245



38.2534, 0.3147, 0.4110



38.2534, 0.2308, 0.2560

Complementary

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



38.2534, 0.3960, 0.3245



65.5915, 0.2640, 0.3338

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.



38.2534, 0.2223, 0.2817



38.2534, 0.3960, 0.3245



38.2534, 0.2682, 0.3748

Square

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



38.2534, 0.3960, 0.3245



38.2534, 0.3629, 0.4185



38.2534, 0.2352, 0.3250



38.2534, 0.2595, 0.2499

Rectangle

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



38.2534, 0.3960, 0.3245



38.2534, 0.4067, 0.3884



38.2534, 0.2352, 0.3250



38.2534, 0.2256, 0.2624

Sweetspot

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



38.2553, 0.3960, 0.3245



81.7902, 0.3315, 0.3277



40.9523, 0.3132, 0.2384



17.0670, 0.3342, 0.3275



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.



38.2553, 0.3960, 0.3245



42.9923, 0.4245, 0.3236



51.1889, 0.3845, 0.3721



13.7114, 0.3284, 0.3279



9.2432, 0.6346, 0.3270



0.6446, 0.6191, 0.3184

Inverse Universe

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



38.2553, 0.3960, 0.3245



42.9923, 0.4245, 0.3236



47.8586, 0.2553, 0.2812



13.7114, 0.3284, 0.3279



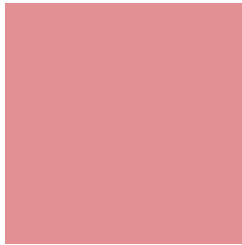
9.2432, 0.6346, 0.3270



0.6446, 0.6191, 0.3184

Previews

White Background



This preview shows how the Yxy color 38.2534, 0.3960, 0.3245 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 38.2534, 0.3960, 0.3245 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 38.2534, 0.3960, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 38.2534, 0.3960, 0.3245.



This preview shows how white text looks on a background with the Yxy color 38.2534, 0.3960, 0.3245.

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

38.2534, 0.3960, 0.3245

Protanopia

38.4684, 0.3226, 0.3375

Deuteranopia

38.6104, 0.3573, 0.3506



Tritanopia

38.3089, 0.3908, 0.3163

Trichromacy



Original Color

38.2534, 0.3960, 0.3245

Protanomaly

37.9304, 0.3474, 0.3318

Deuteranomaly

38.3554, 0.3715, 0.3408

Tritanomaly

38.2428, 0.3930, 0.3187

Monochromacy



Original Color

38.2534, 0.3960, 0.3245

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6620, 0.3411, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2534, 0.3960, 0.3245 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(226, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 144, 148)  
}
```

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(226, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 144, 148) }
```

Border

The CSS property to change the border of an element to Yxy 38.2534, 0.3960, 0.3245 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(226, 144, 148) }
```

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

```
.border{ border-color:rgb(226, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(226, 144,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2534, 0.3960, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 144, 148) }
```

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

```
.background{ background-color: rgb(226,  
144, 148) }
```

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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