

Converting Colors

$Yxy(37.9916, 0.3915, 0.3239)$

Have a look what the booklet for
Yxy(37.9916, 0.3915, 0.3239)
contains.

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Color

Yxy(38.1087, 0.3915, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DF9195
RGB	223, 145, 149
RGB Percent	87%, 57%, 58%
CMY	0.1253, 0.4314, 0.4156
CMYK	0.00, 0.35, 0.33, 0.13
HSL	357°, 55%, 72%
HSV	357°, 35%, 87%
XYZ	45.9912, 38.1087, 33.3745
YIQ	168.7780, 45.2040, 17.7800

Conversions

Conversions Part 2

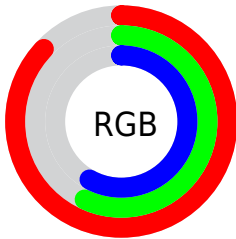
Format	Color
R _Y B	223, 145, 149
Decimal	14651797
CIE Lab	68.10, 30.04, 10.15
CIE LCh	68, 31.705, 18.675
Yxy	38.1087, 0.3915, 0.3244
Android (android.graphics.Color)	4292841877 (0xFFDF9195)
YUV	168.7780, -9.7506, 47.5527
Hunter-Lab	61.7322, 24.9531, 11.1584

Details

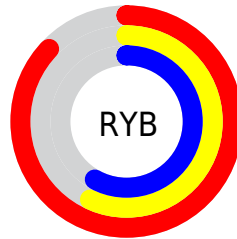
The Yxy color **38.1087, 0.3915, 0.3244** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.9274, 0.2656, 0.3339**, and the grayscale version is **39.5946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8804, 0.3543, 0.3260**, and **16.8175, 0.4176, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **31.3358, 0.4267, 0.3232**, and if you desaturate by 10%, it is **46.3458, 0.3626, 0.3257**.

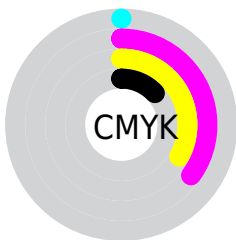
Distribution



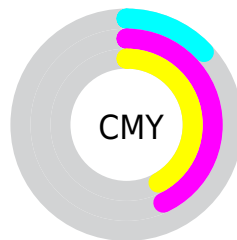
- Red (87%)
- Green (57%)
- Blue (58%)



- Red (87%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1087, 0.3915, 0.3244 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 38.1087, 0.3915, 0.3244 by changing the saturation by 10% instead.


 38.1087, 0.3915,
0.3244


 38.1087, 0.3915,
0.3244


338.0860, 0.3504,
0.3277

 26.0671, 0.4023,
0.3232


 72.2747, 0.3762,
0.3259

 16.8738, 0.4164,
0.3215


 95.1679, 0.3705,
0.3263

 10.1446, 0.4357,
0.3187


122.4470, 0.3658,
0.3267

 5.4949, 0.4635,
0.3140

154.4965, 0.3618,
0.3270

 2.5405, 0.5067,
0.3052

191.7008, 0.3584,
0.3272

 0.8968, 0.6108,
0.3000

234.4442, 0.3554,


 0.0000, 1.0000,


0.3274


0.0000


283.1111, 0.3527,
0.3276


 0.0000, 0.0000,
0.0000


 38.1087, 0.3915,
0.3244


 38.1087, 0.3915,
0.3244


 31.3358, 0.4267,
0.3232


 46.3458, 0.3626,
0.3257


 25.9364, 0.4682,
0.3223


 56.1200, 0.3393,
0.3271


 21.8180, 0.5142,
0.3221

 67.5059, 0.3206,
0.3284

 18.8749, 0.5605,
0.3227

 80.5717, 0.3056,
0.3296

 16.9839, 0.6005,
0.3244

 94.4190, 0.2936,
0.3292

■ 15.9952, 0.6275,
0.3268

■ 94.4337, 0.2935,
0.3289

■ 15.7191, 0.6357,
0.3276

Harmonies

Analogous

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



38.1087, 0.3524, 0.2897



38.1087, 0.3915, 0.3244



38.1087, 0.4075, 0.3622

Triad

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



38.1087, 0.3915, 0.3244



38.1087, 0.3155, 0.4070



38.1087, 0.2342, 0.2596

Complementary

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



38.1087, 0.3915, 0.3244



63.9274, 0.2656, 0.3339

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.



38.1087, 0.2263, 0.2846



38.1087, 0.3915, 0.3244



38.1087, 0.2709, 0.3730

Square

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



38.1087, 0.3915, 0.3244



38.1087, 0.3613, 0.4140



38.1087, 0.2391, 0.3260



38.1087, 0.2616, 0.2533

Rectangle

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



38.1087, 0.3915, 0.3244



38.1087, 0.4025, 0.3855



38.1087, 0.2391, 0.3260



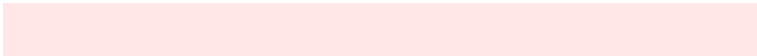
38.1087, 0.2293, 0.2659

Sweetspot

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



38.1105, 0.3915, 0.3244



83.3350, 0.3296, 0.3277



40.4555, 0.3120, 0.2413



17.3751, 0.3322, 0.3276



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.



38.1105, 0.3915, 0.3244



44.7229, 0.4166, 0.3235



49.9005, 0.3818, 0.3690



13.7120, 0.3284, 0.3278



9.2442, 0.6343, 0.3268



0.6449, 0.6180, 0.3178

Inverse Universe

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



38.1105, 0.3915, 0.3244



44.7229, 0.4166, 0.3235



47.8353, 0.2576, 0.2850



13.7120, 0.3284, 0.3278



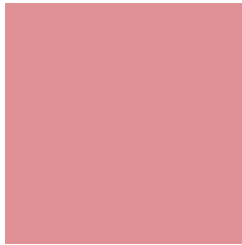
9.2442, 0.6343, 0.3268



0.6449, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 38.1087, 0.3915, 0.3244 looks on a white background.

Color Contrast Check

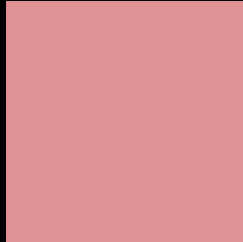
Large Text (above 18pt) WCAG AA × Fail

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 38.1087, 0.3915, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

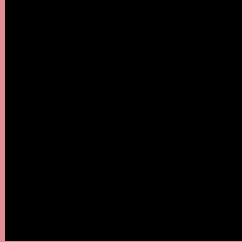
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1087, 0.3915, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 38.1087, 0.3915, 0.3244.



This preview shows how white text looks on a background with the Yxy color 38.1087, 0.3915, 0.3244.

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

38.1087, 0.3915, 0.3244

Protanopia

38.4684, 0.3226, 0.3375

Deuteranopia

38.1641, 0.3556, 0.3480



Tritanopia

38.1604, 0.3863, 0.3161

Trichromacy



Original Color

38.1087, 0.3915, 0.3244

Protanomaly

37.8012, 0.3464, 0.3318

Deuteranomaly

38.1058, 0.3684, 0.3395

Tritanomaly

38.0937, 0.3885, 0.3185

Monochromacy



Original Color

38.1087, 0.3915, 0.3244

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.5691, 0.3392, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1087, 0.3915, 0.3244 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(223, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(223, 145, 149)  
}
```

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(223, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 145, 149) }
```

Border

The CSS property to change the border of an element to Yxy 38.1087, 0.3915, 0.3244 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(223, 145, 149) }
```

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

```
.border{ border-color:rgb(223, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 145, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 145, 149); box-shadow:4px 4px 4px 4px rgb(223, 145, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1087, 0.3915, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 145, 149) }
```

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

```
.background{ background-color: rgb(223,  
145, 149) }
```

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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