

Converting Colors

Yxy(38.0774, 0.3856, 0.3160)

Have a look what the booklet for
Yxy(38.0774, 0.3856, 0.3160)
contains.

Yxy(38.0011, 0.3853, 0.3161)	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(38.0011, 0.3853, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	DF909B
RGB	223, 144, 155
RGB Percent	87%, 56%, 61%
CMY	0.1255, 0.4353, 0.3922
CMYK	0.00, 0.35, 0.30, 0.13
HSL	352°, 55%, 72%
HSV	352°, 35%, 87%
XYZ	46.3202, 38.0011, 35.8973
YIQ	168.8750, 43.5530, 20.1690

Conversions

Conversions Part 2

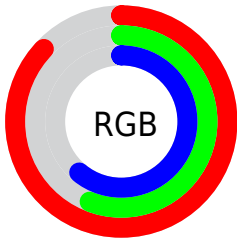
Format	Color
R _Y B	223, 144, 155
Decimal	14651547
CIE Lab	68.02, 31.31, 6.70
CIE LCh	68, 32.020, 12.078
Yxy	38.0011, 0.3853, 0.3161
Android (android.graphics.Color)	4292841627 (0xFFDF909B)
YUV	168.8750, -6.8404, 47.4676
Hunter-Lab	61.6450, 26.2465, 8.6256

Details

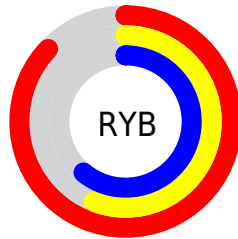
The Yxy color **38.0011, 0.3853, 0.3161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4603, 0.2688, 0.3427**, and the grayscale version is **39.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7103, 0.3497, 0.3188**, and **16.7608, 0.4085, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **31.3069, 0.4172, 0.3126**, and if you desaturate by 10%, it is **46.1357, 0.3590, 0.3199**.

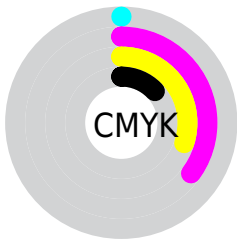
Distribution



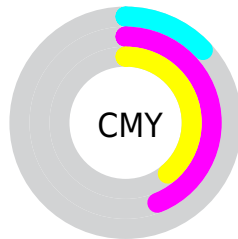
- Red (87%)
- Green (56%)
- Blue (61%)



- Red (87%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0011, 0.3853, 0.3161 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 38.0011, 0.3853, 0.3161 by changing the saturation by 10% instead.


 38.0011, 0.3853,
0.3161


 38.0011, 0.3853,
0.3161


337.6247, 0.3475,
0.3234

 25.9835, 0.3952,
0.3140


 72.1098, 0.3712,
0.3190

 16.8113, 0.4082,
0.3111


 94.9698, 0.3660,
0.3200

 10.1001, 0.4259,
0.3069


122.2127, 0.3617,
0.3208

 5.4654, 0.4516,
0.3005

154.2229, 0.3580,
0.3215

 2.5228, 0.4916,
0.2894

191.3848, 0.3548,
0.3221

 0.8880, 0.5735,
0.2731

234.0828, 0.3521,


 0.0000, 1.0000,


0.3226

0.0000


282.7013, 0.3497,
0.3230

 0.0000, 0.0000,
0.0000

 38.0011, 0.3853,
0.3161


 38.0011, 0.3853,
0.3161


 31.3069, 0.4172,
0.3126


 46.1357, 0.3590,
0.3199

 25.9637, 0.4549,
0.3099


 55.7822, 0.3377,
0.3236


 21.8811, 0.4973,
0.3085

 67.0139, 0.3206,
0.3272

 18.9549, 0.5413,
0.3093

 79.8978, 0.3068,
0.3305

 17.0642, 0.5818,
0.3127

 94.1725, 0.2956,
0.3330

■ 16.0614, 0.6130,
0.3184

■ 94.4281, 0.2935,
0.3289

■ 15.7870, 0.6237,
0.3209

Harmonies

Analogous

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



38.0011, 0.3424, 0.2827



38.0011, 0.3853, 0.3161



38.0011, 0.4074, 0.3542

Triad

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



38.0011, 0.3853, 0.3161



38.0011, 0.3260, 0.4120



38.0011, 0.2299, 0.2628

Complementary

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



38.0011, 0.3853, 0.3161



63.4603, 0.2688, 0.3427

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.



38.0011, 0.2265, 0.2921



38.0011, 0.3853, 0.3161



38.0011, 0.2796, 0.3829

Square

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



38.0011, 0.3853, 0.3161



38.0011, 0.3709, 0.4127



38.0011, 0.2439, 0.3365



38.0011, 0.2534, 0.2524

Rectangle

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



38.0011, 0.3853, 0.3161



38.0011, 0.4065, 0.3787



38.0011, 0.2439, 0.3365



38.0011, 0.2265, 0.2705

Sweetspot

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



38.0029, 0.3853, 0.3161



81.9318, 0.3298, 0.3252



39.1478, 0.3060, 0.2386



17.1004, 0.3322, 0.3247



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.



38.0029, 0.3853, 0.3161



44.1767, 0.4100, 0.3133



47.0759, 0.3856, 0.3620



13.7314, 0.3270, 0.3258



9.2921, 0.6210, 0.3195



0.6541, 0.5849, 0.2996

Inverse Universe

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



38.0029, 0.3853, 0.3161



44.1767, 0.4100, 0.3133



50.4463, 0.2581, 0.2932



13.7314, 0.3270, 0.3258



9.2921, 0.6210, 0.3195



0.6541, 0.5849, 0.2996

Previews

White Background



This preview shows how the Yxy color 38.0011, 0.3853, 0.3161 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 38.0011, 0.3853, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

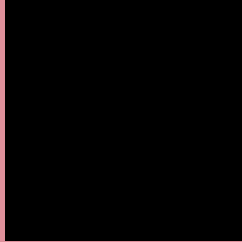
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0011, 0.3853, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 38.0011, 0.3853, 0.3161.



This preview shows how white text looks on a background with the Yxy color 38.0011, 0.3853, 0.3161.

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

38.0011, 0.3853, 0.3161

Protanopia

38.1353, 0.3147, 0.3262

Deuteranopia

37.9734, 0.3468, 0.3400



Tritanopia

38.0011, 0.3853, 0.3161

Trichromacy



Original Color

38.0011, 0.3853, 0.3161

Protanomaly

37.5771, 0.3388, 0.3210

Deuteranomaly

37.6905, 0.3606, 0.3304

Tritanomaly

38.0011, 0.3853, 0.3161

Monochromacy



Original Color

38.0011, 0.3853, 0.3161

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6408, 0.3373, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0011, 0.3853, 0.3161 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, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(223, 144, 155)  
}
```

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, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 144, 155) }
```

Border

The CSS property to change the border of an element to Yxy 38.0011, 0.3853, 0.3161 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, 144, 155) }
```

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

```
.border{ border-color:rgb(223, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(223, 144,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0011, 0.3853, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 144, 155) }
```

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

```
.background{ background-color: rgb(223,  
144, 155) }
```

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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