

Converting Colors

$Yxy(36.1889, 0.3830, 0.3053)$

Have a look what the booklet for
Yxy(36.1889, 0.3830, 0.3053)
contains.

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Color

Yxy(36.1752, 0.3830, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	DE8A9E
RGB	222, 138, 158
RGB Percent	87%, 54%, 62%
CMY	0.1294, 0.4588, 0.3804
CMYK	0.00, 0.38, 0.29, 0.13
HSL	346°, 56%, 71%
HSV	346°, 38%, 87%
XYZ	45.3819, 36.1752, 36.9335
YIQ	165.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

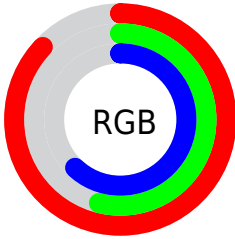
Format	Color
R _Y B	222, 138, 158
Decimal	14584478
CIE Lab	66.65, 34.53, 3.02
CIE LCh	67, 34.664, 5.006
Yxy	36.1752, 0.3830, 0.3053
Android (android.graphics.Color)	4292774558 (0xFFDE8A9E)
YUV	165.3960, -3.6462, 49.6417
Hunter-Lab	60.1458, 29.4287, 5.6941

Details

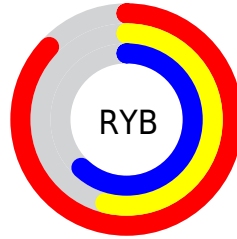
The Yxy color **36.1752, 0.3830, 0.3053** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9081, 0.2708, 0.3547**, and the grayscale version is **37.8300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7634, 0.3478, 0.3076**, and **15.7164, 0.4054, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **29.9012, 0.4120, 0.2993**, and if you desaturate by 10%, it is **43.8347, 0.3589, 0.3118**.

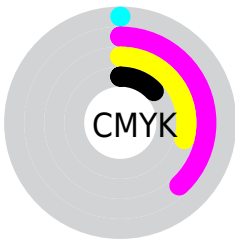
Distribution



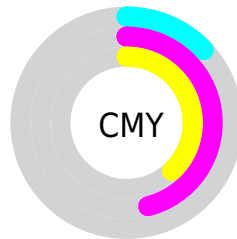
- Red (87%)
- Green (54%)
- Blue (62%)



- Red (87%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (29%)
- Black (13%)





- Cyan (13%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1752, 0.3830, 0.3053 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 36.1752, 0.3830, 0.3053 by changing the saturation by 10% instead.

 36.1752, 0.3830,
0.3053

 36.1752, 0.3830,
0.3053


329.7257, 0.3463,
0.3180


 24.5695, 0.3927,
0.3019


 69.3024, 0.3693,
0.3101

 15.7566, 0.4054,
0.2973


 91.5927, 0.3642,
0.3118

 9.3521, 0.4229,
0.2909


 118.2134, 0.3600,
0.3133

 4.9716, 0.4483,
0.2815

149.5488, 0.3564,
0.3145

 2.2306, 0.4884,
0.2661

185.9833, 0.3534,
0.3156

 0.7366, 0.5695,
0.2389


227.9014, 0.3507,


 0.0000, 1.0000,


0.3165


0.0000

275.6874, 0.3483,
0.3173


 0.0000, 0.0000,
0.0000


 36.1752, 0.3830,
0.3053


 36.1752, 0.3830,
0.3053


 29.9012, 0.4120,
0.2993


 43.8347, 0.3589,
0.3118


 24.9243, 0.4461,
0.2946


 52.9506, 0.3391,
0.3182


 21.1542, 0.4841,
0.2921

 63.5952, 0.3231,
0.3244

 18.4867, 0.5240,
0.2928

 75.8344, 0.3101,
0.3302

 16.7994, 0.5619,
0.2975

 89.7304, 0.2996,
0.3356

■ 15.9233, 0.5934,
0.3058

■ 94.2685, 0.2929,
0.3289

■ 15.7838, 0.5994,
0.3076

Harmonies

Analogous

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



36.1752, 0.3324, 0.2714



36.1752, 0.3830, 0.3053



36.1752, 0.4140, 0.3460

Triad

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



36.1752, 0.3830, 0.3053



36.1752, 0.3391, 0.4239



36.1752, 0.2195, 0.2620

Complementary

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



36.1752, 0.3830, 0.3053



61.9081, 0.2708, 0.3547

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.



36.1752, 0.2210, 0.2983



36.1752, 0.3830, 0.3053



36.1752, 0.2874, 0.3989

Square

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



36.1752, 0.3830, 0.3053



36.1752, 0.3860, 0.4167



36.1752, 0.2448, 0.3497



36.1752, 0.2400, 0.2462

Rectangle

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



36.1752, 0.3830, 0.3053



36.1752, 0.4178, 0.3735



36.1752, 0.2448, 0.3497



36.1752, 0.2175, 0.2719

Sweetspot

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



36.1769, 0.3830, 0.3053



82.0897, 0.3280, 0.3224



35.8709, 0.2975, 0.2302



17.1378, 0.3301, 0.3216



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.



36.1769, 0.3830, 0.3053



42.8997, 0.4044, 0.3007



42.1624, 0.3960, 0.3544



13.7537, 0.3255, 0.3234



9.3904, 0.5959, 0.3056



0.6648, 0.5522, 0.2816

Inverse Universe

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



36.1769, 0.3830, 0.3053



42.8997, 0.4044, 0.3007



52.4500, 0.2562, 0.3016



13.7537, 0.3255, 0.3234



9.3904, 0.5959, 0.3056



0.6648, 0.5522, 0.2816

Previews

White Background



This preview shows how the Yxy color 36.1752, 0.3830, 0.3053 looks on a white background.

Color Contrast Check

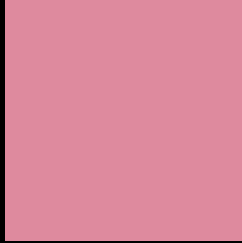
Large Text (above 18pt) WCAG AA × Fail

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 36.1752, 0.3830, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

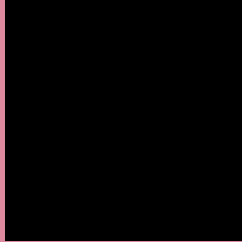
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1752, 0.3830, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 36.1752, 0.3830, 0.3053.



This preview shows how white text looks on a background with the Yxy color 36.1752, 0.3830, 0.3053.

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

36.1752, 0.3830, 0.3053

Protanopia

36.6057, 0.3050, 0.3147

Deuteranopia

36.3043, 0.3385, 0.3318



Tritanopia

36.0394, 0.3906, 0.3160

Trichromacy



Original Color

36.1752, 0.3830, 0.3053

Protanomaly

35.7628, 0.3306, 0.3100

Deuteranomaly

35.9488, 0.3545, 0.3212

Tritanomaly

36.1373, 0.3873, 0.3124

Monochromacy



Original Color

36.1752, 0.3830, 0.3053

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4904, 0.3371, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1752, 0.3830, 0.3053 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(222, 138, 158)` looks like.

```
.text, #text, p{  
    color:rgb(222, 138, 158)  
}
```

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(222, 138, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 138, 158) }
```

Border

The CSS property to change the border of an element to Yxy 36.1752, 0.3830, 0.3053 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(222, 138, 158) }
```

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

```
.border{ border-color:rgb(222, 138, 158) }
```

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

Here you see how a box with a 4 pixel rgb(222, 138, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 138, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 138, 158);  
box-shadow:4px 4px 4px 4px rgb(222, 138,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1752, 0.3830, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 138, 158) }
```

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

```
.background{ background-color: rgb(222,  
138, 158) }
```

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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