

Converting Colors

Yxy(36.9160, 0.3886, 0.3059)

Have a look what the booklet for
Yxy(36.9160, 0.3886, 0.3059)
contains.

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Color

Yxy(36.9765, 0.3882, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	E38A9E
RGB	227, 138, 158
RGB Percent	89%, 54%, 62%
CMY	0.1098, 0.4588, 0.3805
CMYK	0.00, 0.39, 0.30, 0.11
HSL	347°, 61%, 72%
HSV	347°, 39%, 89%
XYZ	46.9401, 36.9765, 37.0007
YIQ	166.8910, 46.6240, 25.0880

Conversions

Conversions Part 2

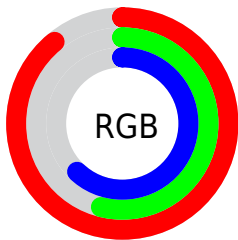
Format	Color
R _Y B	227, 138, 158
Decimal	14912158
CIE Lab	67.26, 36.34, 3.98
CIE LCh	67, 36.561, 6.257
Yxy	36.9765, 0.3882, 0.3058
Android (android.graphics.Color)	4293102238 (0xFFE38A9E)
YUV	166.8910, -4.3833, 52.7156
Hunter-Lab	60.8083, 31.3759, 6.4890

Details

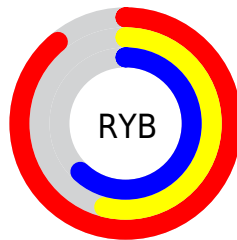
The Yxy color **36.9765, 0.3882, 0.3058** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8556, 0.2689, 0.3543**, and the grayscale version is **38.5930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2040, 0.3476, 0.3086**, and **16.1521, 0.4111, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **30.5675, 0.4186, 0.3003**, and if you desaturate by 10%, it is **44.8372, 0.3629, 0.3119**.

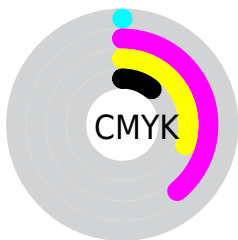
Distribution



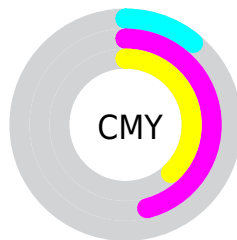
- Red (89%)
- Green (54%)
- Blue (62%)



- Red (89%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (30%)
- Black (11%)




- Cyan (11%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9765, 0.3882, 0.3058 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 36.9765, 0.3882, 0.3058 by changing the saturation by 10% instead.


 36.9765, 0.3882,
0.3058


 36.9765, 0.3882,
0.3058


333.2088, 0.3489,
0.3183


 25.1893, 0.3985,
0.3024


 70.5366, 0.3735,
0.3105

 16.2181, 0.4121,
0.2979


 93.0784, 0.3681,
0.3123

 9.6786, 0.4306,
0.2915


 119.9737, 0.3636,
0.3137

 5.1864, 0.4574,
0.2821

151.6071, 0.3598,
0.3149

 2.3571, 0.4993,
0.2667

188.3629, 0.3565,
0.3159

 0.8037, 0.5806,
0.2407

230.6255, 0.3536,


 0.0000, 1.0000,


0.3168


0.0000

278.7793, 0.3511,
0.3176


 0.0000, 0.0000,
0.0000

 36.9765, 0.3882,
0.3058


 36.9765, 0.3882,
0.3058


 30.5675, 0.4186,
0.3003


 44.8372, 0.3629,
0.3119

 25.5157, 0.4541,
0.2961


 54.2258, 0.3422,
0.3180


 21.7237, 0.4934,
0.2942

 65.2194, 0.3253,
0.3239

 19.0790, 0.5338,
0.2957

 77.8887, 0.3117,
0.3294

 17.4484, 0.5713,
0.3009

 92.2998, 0.3007,
0.3345

■ 16.6230, 0.6015,
0.3093

■ 95.0730, 0.2958,
0.3290

■ 16.5716, 0.6036,
0.3099

Harmonies

Analogous

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



36.9765, 0.3355, 0.2702



36.9765, 0.3882, 0.3058



36.9765, 0.4194, 0.3482

Triad

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



36.9765, 0.3882, 0.3058



36.9765, 0.3378, 0.4282



36.9765, 0.2160, 0.2577

Complementary

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



36.9765, 0.3882, 0.3058



64.8556, 0.2689, 0.3543

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.



36.9765, 0.2166, 0.2947



36.9765, 0.3882, 0.3058



36.9765, 0.2839, 0.4007

Square

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



36.9765, 0.3882, 0.3058



36.9765, 0.3874, 0.4215



36.9765, 0.2402, 0.3482



36.9765, 0.2382, 0.2424

Rectangle

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



36.9765, 0.3882, 0.3058



36.9765, 0.4224, 0.3767



36.9765, 0.2402, 0.3482



36.9765, 0.2136, 0.2677

Sweetspot

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



36.9783, 0.3882, 0.3058



80.5712, 0.3298, 0.3222



36.8809, 0.2981, 0.2268



16.8341, 0.3319, 0.3215



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.



36.9783, 0.3882, 0.3058



41.2402, 0.4124, 0.3013



43.9165, 0.3996, 0.3571



14.4207, 0.3257, 0.3237



9.6778, 0.6002, 0.3080



0.7290, 0.5594, 0.2855

Inverse Universe

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



36.9783, 0.3882, 0.3058



41.2402, 0.4124, 0.3013



53.7929, 0.2540, 0.2985



14.4207, 0.3257, 0.3237



9.6778, 0.6002, 0.3080



0.7290, 0.5594, 0.2855

Previews

White Background



This preview shows how the Yxy color 36.9765, 0.3882, 0.3058 looks on a white background.

Color Contrast Check

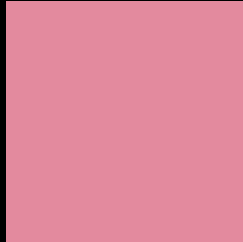
Large Text (above 18pt) WCAG AA × Fail

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 36.9765, 0.3882, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

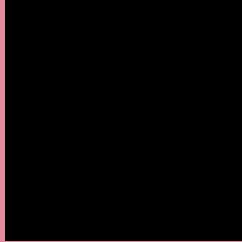
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9765, 0.3882, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 36.9765, 0.3882, 0.3058.



This preview shows how white text looks on a background with the Yxy color 36.9765, 0.3882, 0.3058.

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

36.9765, 0.3882, 0.3058

Protanopia

37.1723, 0.3068, 0.3163

Deuteranopia

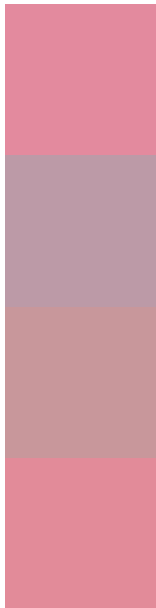
37.3197, 0.3420, 0.3359



Tritanopia

36.8360, 0.3958, 0.3163

Trichromacy



Original Color

36.9765, 0.3882, 0.3058

Protanomaly

36.5926, 0.3345, 0.3117

Deuteranomaly

36.7791, 0.3594, 0.3239

Tritanomaly

36.9339, 0.3924, 0.3127

Monochromacy



Original Color

36.9765, 0.3882, 0.3058

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.2761, 0.3380, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9765, 0.3882, 0.3058 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, 138, 158)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 138, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 158) }
```

Border

The CSS property to change the border of an element to Yxy 36.9765, 0.3882, 0.3058 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, 138, 158) }
```

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

```
.border{ border-color:rgb(227, 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(227, 138, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 138, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 138, 158);  
box-shadow:4px 4px 4px 4px rgb(227, 138,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9765, 0.3882, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 158) }
```

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

```
.background{ background-color: rgb(227,  
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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