

Converting Colors

$Yxy(36.9553, 0.4080, 0.3293)$

Have a look what the booklet for
Yxy(36.9553, 0.4080, 0.3293)
contains.

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Color

Yxy(36.9805, 0.4077, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E38C8C
RGB	227, 140, 140
RGB Percent	89%, 55%, 55%
CMY	0.1099, 0.4509, 0.4510
CMYK	0.00, 0.38, 0.38, 0.11
HSL	0°, 61%, 72%
HSV	0°, 38%, 89%
XYZ	45.7848, 36.9805, 29.5350
YIQ	166.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

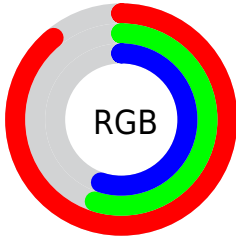
Format	Color
R _Y B	227, 140, 140
Decimal	14912652
CIE Lab	67.26, 33.06, 14.09
CIE LCh	67, 35.938, 23.083
Yxy	36.9805, 0.4077, 0.3293
Android (android.graphics.Color)	4293102732 (0xFFE38C8C)
YUV	166.0130, -12.8244, 53.4856
Hunter-Lab	60.8116, 27.9718, 13.7721

Details

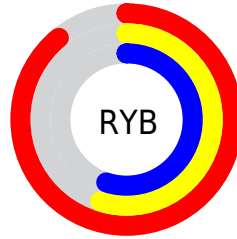
The Yxy color **36.9805, 0.4077, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.0351, 0.2596, 0.3288**, and the grayscale version is **38.1856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1853, 0.3626, 0.3302**, and **16.1526, 0.4384, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **30.4174, 0.4473, 0.3294**, and if you desaturate by 10%, it is **45.0527, 0.3749, 0.3292**.

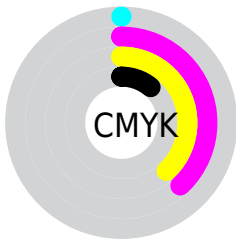
Distribution



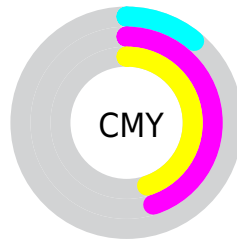
- Red (89%)
- Green (55%)
- Blue (55%)



- Red (89%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.9805, 0.4077, 0.3293 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 36.9805, 0.4077, 0.3293 by changing the saturation by 10% instead.


 36.9805, 0.4077,
0.3293

 36.9805, 0.4077,
0.3293


333.2261, 0.3579,
0.3307


 25.1924, 0.4208,
0.3284


 70.5428, 0.3891,
0.3302

 16.2205, 0.4380,
0.3269


 93.0858, 0.3822,
0.3304

 9.6803, 0.4615,
0.3243


 119.9825, 0.3765,
0.3305

 5.1875, 0.4952,
0.3193

151.6174, 0.3717,
0.3306

 2.3577, 0.5469,
0.3088

188.3747, 0.3675,
0.3306

 0.8040, 0.6915,
0.3085

230.6391, 0.3639,

 0.0000, 1.0000,

0.3307

0.0000

278.7947, 0.3607,
0.3307

■ 0.0000, 0.0000,
0.0000

■ 36.9805, 0.4077,
0.3293

■ 36.9805, 0.4077,
0.3293

■ 30.4174, 0.4473,
0.3294

■ 45.0527, 0.3749,
0.3292

■ 25.2648, 0.4928,
0.3296

■ 54.7139, 0.3483,
0.3291

■ 21.4210, 0.5410,
0.3297

■ 66.0447, 0.3271,
0.3290

■ 18.7682, 0.5859,
0.3298

■ 79.1187, 0.3101,
0.3290

■ 17.1678, 0.6197,
0.3299

■ 94.0053, 0.2966,
0.3289

■ 16.4194, 0.6377,
0.3300

■ 95.0672, 0.2958,
0.3290

■ 16.3283, 0.6401,
0.3300

Harmonies

Analogous

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



36.9805, 0.3657, 0.2896



36.9805, 0.4077, 0.3293



36.9805, 0.4211, 0.3718

Triad

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



36.9805, 0.4077, 0.3293



36.9805, 0.3073, 0.4153



36.9805, 0.2271, 0.2478

Complementary

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



36.9805, 0.4077, 0.3293



66.0351, 0.2596, 0.3288

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.



36.9805, 0.2149, 0.2724



36.9805, 0.4077, 0.3293



36.9805, 0.2583, 0.3721

Square

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



36.9805, 0.4077, 0.3293



36.9805, 0.3603, 0.4275



36.9805, 0.2256, 0.3171



36.9805, 0.2606, 0.2442

Rectangle

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



36.9805, 0.4077, 0.3293



36.9805, 0.4119, 0.3976



36.9805, 0.2256, 0.3171



36.9805, 0.2206, 0.2536

Sweetspot

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



36.9823, 0.4077, 0.3293



81.7176, 0.3324, 0.3291



40.6279, 0.3171, 0.2346



17.0499, 0.3352, 0.3291



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.



36.9823, 0.4077, 0.3293



41.1849, 0.4387, 0.3294



52.2894, 0.3878, 0.3794



14.3685, 0.3293, 0.3291



9.5251, 0.6401, 0.3300



0.7041, 0.6400, 0.3300

Inverse Universe

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



66.0351, 0.2596, 0.3288



84.1006, 0.2511, 0.3288



45.1889, 0.2512, 0.2721



16.3358, 0.2982, 0.3290



35.2583, 0.2246, 0.3287



2.6057, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 36.9805, 0.4077, 0.3293 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 36.9805, 0.4077, 0.3293 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 36.9805, 0.4077, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 36.9805, 0.4077, 0.3293.



This preview shows how white text looks on a background with the Yxy color 36.9805, 0.4077, 0.3293.

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

36.9805, 0.4077, 0.3293

Protanopia

37.3640, 0.3291, 0.3462

Deuteranopia

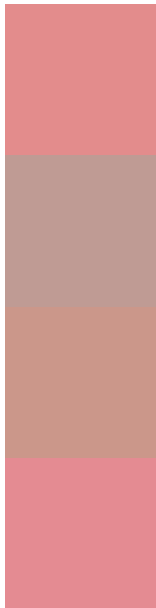
37.2070, 0.3651, 0.3577



Tritanopia

37.1291, 0.3990, 0.3176

Trichromacy



Original Color

36.9805, 0.4077, 0.3293

Protanomaly

36.6572, 0.3561, 0.3386

Deuteranomaly

36.6647, 0.3802, 0.3461

Tritanomaly

37.0345, 0.4024, 0.3211

Monochromacy



Original Color

36.9805, 0.4077, 0.3293

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2396, 0.3436, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9805, 0.4077, 0.3293 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, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(227, 140, 140)  
}
```

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, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 140, 140) }
```

Border

The CSS property to change the border of an element to Yxy 36.9805, 0.4077, 0.3293 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, 140, 140) }
```

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

```
.border{ border-color:rgb(227, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(227, 140,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9805, 0.4077, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 140, 140) }
```

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

```
.background{ background-color: rgb(227,  
140, 140) }
```

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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