

Converting Colors

$Y_{xy}(37.6080, 0.3847, 0.3075)$

Have a look what the booklet for
Yxy(37.6080, 0.3847, 0.3075)
contains.

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Color

Yxy(37.7217, 0.3850, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	E28D9F
RGB	226, 141, 159
RGB Percent	89%, 55%, 62%
CMY	0.1136, 0.4471, 0.3764
CMYK	0.00, 0.38, 0.30, 0.11
HSL	347°, 59%, 72%
HSV	347°, 38%, 89%
XYZ	47.1521, 37.7217, 37.5992
YIQ	168.4670, 44.8820, 23.6180

Conversions

Conversions Part 2

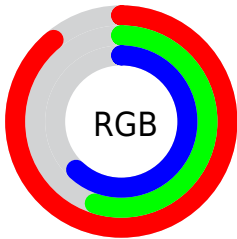
Format	Color
R _Y B	226, 141, 159
Decimal	14847391
CIE Lab	67.81, 34.54, 4.19
CIE LCh	68, 34.796, 6.923
Yxy	37.7217, 0.3850, 0.3080
Android (android.graphics.Color)	4293037471 (0xFFE28D9F)
YUV	168.4670, -4.6672, 50.4564
Hunter-Lab	61.4180, 29.5574, 6.6961

Details

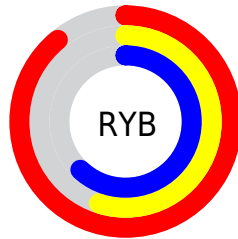
The Yxy color **37.7217, 0.3850, 0.3080** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6208, 0.2698, 0.3517**, and the grayscale version is **39.4073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5949, 0.3463, 0.3107**, and **16.6625, 0.4078, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **31.1503, 0.4151, 0.3027**, and if you desaturate by 10%, it is **45.7458, 0.3600, 0.3138**.

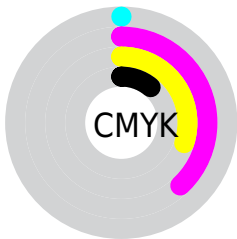
Distribution



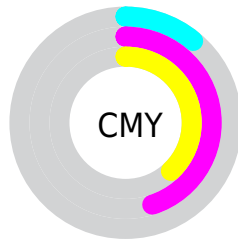
- Red (89%)
- Green (55%)
- Blue (62%)



- Red (89%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7217, 0.3850, 0.3080 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 37.7217, 0.3850, 0.3080 by changing the saturation by 10% instead.


 37.7217, 0.3850,
0.3080


 37.7217, 0.3850,
0.3080


336.4246, 0.3474,
0.3193

 25.7668, 0.3948,
0.3049


 71.6814, 0.3710,
0.3123

 16.6492, 0.4077,
0.3008

 94.4549, 0.3659,
0.3139

 9.9847, 0.4253,
0.2951


 121.6034, 0.3615,
0.3151

 5.3888, 0.4507,
0.2865

153.5113, 0.3579,
0.3162

 2.4772, 0.4903,
0.2725

190.5630, 0.3547,
0.3172

 0.8652, 0.5646,
0.2488


233.1428, 0.3520,


 0.0000, 1.0000,

0.3180


0.0000

281.6353, 0.3496,
0.3187


 0.0000, 0.0000,
0.0000


 37.7217, 0.3850,
0.3080


 37.7217, 0.3850,
0.3080


 31.1503, 0.4151,
0.3027

 45.7458, 0.3600,
0.3138

 25.9391, 0.4504,
0.2986


 55.2971, 0.3396,
0.3195

 21.9935, 0.4899,
0.2965

 66.4512, 0.3231,
0.3250

 19.2042, 0.5310,
0.2974

 79.2773, 0.3098,
0.3302

 17.4433, 0.5695,
0.3021

 93.8406, 0.2990,
0.3349

■ 16.5380, 0.6007,
0.3100

■ 94.9121, 0.2952,
0.3289

■ 16.3846, 0.6071,
0.3118

Harmonies

Analogous

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



37.7217, 0.3356, 0.2737



37.7217, 0.3850, 0.3080



37.7217, 0.4139, 0.3486

Triad

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



37.7217, 0.3850, 0.3080



37.7217, 0.3356, 0.4223



37.7217, 0.2210, 0.2610

Complementary

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



37.7217, 0.3850, 0.3080



64.6208, 0.2698, 0.3517

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.



37.7217, 0.2211, 0.2958



37.7217, 0.3850, 0.3080



37.7217, 0.2846, 0.3955

Square

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



37.7217, 0.3850, 0.3080



37.7217, 0.3828, 0.4171



37.7217, 0.2433, 0.3461



37.7217, 0.2426, 0.2466

Rectangle

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



37.7217, 0.3850, 0.3080



37.7217, 0.4163, 0.3756



37.7217, 0.2433, 0.3461



37.7217, 0.2186, 0.2704

Sweetspot

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



37.7235, 0.3850, 0.3080



82.0479, 0.3284, 0.3232



37.8919, 0.3002, 0.2314



17.1279, 0.3307, 0.3224



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.



37.7235, 0.3850, 0.3080



42.7899, 0.4077, 0.3039



45.0360, 0.3942, 0.3575



13.7478, 0.3259, 0.3241



9.3596, 0.6035, 0.3098



0.6619, 0.5606, 0.2862

Inverse Universe

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



37.7235, 0.3850, 0.3080



42.7899, 0.4077, 0.3039



53.3625, 0.2559, 0.2981



13.7478, 0.3259, 0.3241



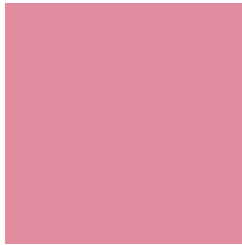
9.3596, 0.6035, 0.3098



0.6619, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 37.7217, 0.3850, 0.3080 looks on a white background.

Color Contrast Check

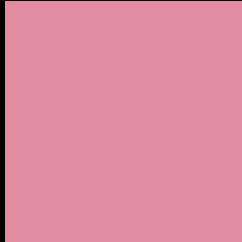
Large Text (above 18pt) WCAG AA × Fail

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 37.7217, 0.3850, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

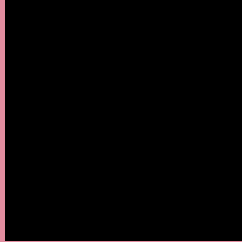
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7217, 0.3850, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 37.7217, 0.3850, 0.3080.



This preview shows how white text looks on a background with the Yxy color 37.7217, 0.3850, 0.3080.

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

37.7217, 0.3850, 0.3080

Protanopia

38.1429, 0.3077, 0.3178

Deuteranopia

37.8562, 0.3409, 0.3345



Tritanopia

37.6535, 0.3903, 0.3162

Trichromacy



Original Color

37.7217, 0.3850, 0.3080

Protanomaly

37.2955, 0.3332, 0.3130

Deuteranomaly

37.4961, 0.3568, 0.3239

Tritanomaly

37.7201, 0.3880, 0.3138

Monochromacy



Original Color

37.7217, 0.3850, 0.3080

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.9891, 0.3367, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7217, 0.3850, 0.3080 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(226, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 159)  
}
```

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(226, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.7217, 0.3850, 0.3080 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(226, 141, 159) }
```

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

```
.border{ border-color:rgb(226, 141, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 141, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 141, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 141, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 141,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7217, 0.3850, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 141, 159) }
```

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

```
.background{ background-color: rgb(226,  
141, 159) }
```

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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