

Converting Colors

$Y_{xy}(36.9251, 0.3892, 0.3219)$

Have a look what the booklet for
Yxy(36.9251, 0.3892, 0.3219)
contains.

Yxy(37.0305, 0.3892, 0.3220)	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(37.0305, 0.3892, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	DC8F95
RGB	220, 143, 149
RGB Percent	86%, 56%, 58%
CMY	0.1373, 0.4392, 0.4158
CMYK	0.00, 0.35, 0.32, 0.14
HSL	355°, 52%, 71%
HSV	355°, 35%, 86%
XYZ	44.7586, 37.0305, 33.2124
YIQ	166.7070, 43.9660, 18.1900

Conversions

Conversions Part 2

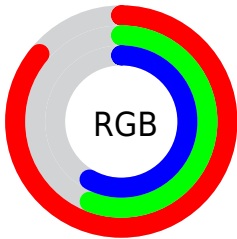
Format	Color
R _Y B	220, 143, 149
Decimal	14454677
CIE Lab	67.30, 29.95, 8.99
CIE LCh	67, 31.269, 16.709
Yxy	37.0305, 0.3892, 0.3220
Android (android.graphics.Color)	4292644757 (0xFFDC8F95)
YUV	166.7070, -8.7296, 46.7380
Hunter-Lab	60.8527, 24.7988, 10.2373

Details

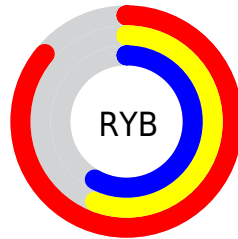
The Yxy color **37.0305, 0.3892, 0.3220** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.8782, 0.2667, 0.3364**, and the grayscale version is **38.5214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5043, 0.3549, 0.3229**, and **16.3227, 0.4140, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **30.4689, 0.4233, 0.3201**, and if you desaturate by 10%, it is **45.0037, 0.3612, 0.3241**.

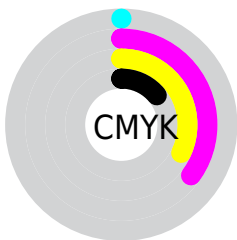
Distribution



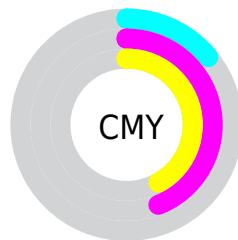
- Red (86%)
- Green (56%)
- Blue (58%)



- Red (86%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (14%)





- Cyan (14%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0305, 0.3892, 0.3220 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 37.0305, 0.3892, 0.3220 by changing the saturation by 10% instead.


 37.0305, 0.3892,
0.3220


 37.0305, 0.3892,
0.3220


333.4425, 0.3492,
0.3265

 25.2311, 0.3998,
0.3205


 70.6197, 0.3742,
0.3239

 16.2493, 0.4137,
0.3184


 93.1783, 0.3687,
0.3245

 9.7008, 0.4327,
0.3152


120.0921, 0.3641,
0.3250

 5.2010, 0.4604,
0.3100

151.7454, 0.3602,
0.3254

 2.3657, 0.5037,
0.3002

188.5227, 0.3569,
0.3258

 0.8081, 0.6140,
0.2944

230.8084, 0.3540,


 0.0000, 1.0000,


0.3260


0.0000


278.9869, 0.3514,
0.3263


 0.0000, 0.0000,
0.0000

 37.0305, 0.3892,
0.3220


 37.0305, 0.3892,
0.3220


 30.4689, 0.4233,
0.3201


 45.0037, 0.3612,
0.3241


 25.2317, 0.4636,
0.3187


 54.4584, 0.3385,
0.3261

 21.2303, 0.5085,
0.3182

 65.4664, 0.3204,
0.3281

 18.3630, 0.5543,
0.3189

 78.0932, 0.3058,
0.3299

 16.5121, 0.5948,
0.3212

 92.4004, 0.2941,
0.3315

■ 15.5339, 0.6236,
0.3247

■ 93.9540, 0.2917,
0.3289

■ 15.2546, 0.6330,
0.3261

Harmonies

Analogous

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



37.0305, 0.3492, 0.2879



37.0305, 0.3892, 0.3220



37.0305, 0.4069, 0.3597

Triad

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



37.0305, 0.3892, 0.3220



37.0305, 0.3186, 0.4079



37.0305, 0.2334, 0.2609

Complementary

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



37.0305, 0.3892, 0.3220



61.8782, 0.2667, 0.3364

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.



37.0305, 0.2269, 0.2871



37.0305, 0.3892, 0.3220



37.0305, 0.2737, 0.3756

Square

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



37.0305, 0.3892, 0.3220



37.0305, 0.3639, 0.4131



37.0305, 0.2409, 0.3291



37.0305, 0.2594, 0.2535

Rectangle

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



37.0305, 0.3892, 0.3220



37.0305, 0.4032, 0.3832



37.0305, 0.2409, 0.3291



37.0305, 0.2290, 0.2676

Sweetspot

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



37.0323, 0.3892, 0.3220



83.3722, 0.3291, 0.3271



39.0481, 0.3108, 0.2411



17.3840, 0.3317, 0.3268



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.



37.0323, 0.3892, 0.3220



44.8154, 0.4137, 0.3206



47.8914, 0.3823, 0.3675



13.0678, 0.3279, 0.3272



8.9601, 0.6311, 0.3250



0.5863, 0.6063, 0.3114

Inverse Universe

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



37.0323, 0.3892, 0.3220



44.8154, 0.4137, 0.3206



46.9383, 0.2579, 0.2868



13.0678, 0.3279, 0.3272



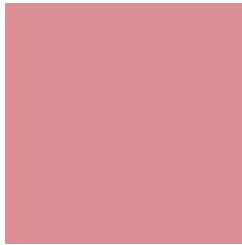
8.9601, 0.6311, 0.3250



0.5863, 0.6063, 0.3114

Previews

White Background



This preview shows how the Yxy color 37.0305, 0.3892, 0.3220 looks on a white background.

Color Contrast Check

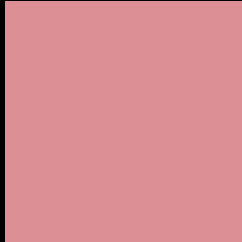
Large Text (above 18pt) WCAG AA × Fail

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 37.0305, 0.3892, 0.3220 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 37.0305, 0.3892, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 37.0305, 0.3892, 0.3220.



This preview shows how white text looks on a background with the Yxy color 37.0305, 0.3892, 0.3220.

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

37.0305, 0.3892, 0.3220

Protanopia

37.4138, 0.3200, 0.3347

Deuteranopia

37.0938, 0.3531, 0.3455



Tritanopia

36.8616, 0.3851, 0.3159

Trichromacy



Original Color

37.0305, 0.3892, 0.3220

Protanomaly

36.7420, 0.3438, 0.3291

Deuteranomaly

37.0312, 0.3660, 0.3370

Tritanomaly

36.8286, 0.3862, 0.3171

Monochromacy



Original Color

37.0305, 0.3892, 0.3220

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4309, 0.3385, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0305, 0.3892, 0.3220 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(220, 143, 149)` looks like.

```
.text, #text, p{  
    color:rgb(220, 143, 149)  
}
```

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(220, 143, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 143, 149) }
```

Border

The CSS property to change the border of an element to Yxy 37.0305, 0.3892, 0.3220 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(220, 143, 149) }
```

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

```
.border{ border-color:rgb(220, 143, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 143, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 143, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 143, 149);  
box-shadow:4px 4px 4px 4px rgb(220, 143,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0305, 0.3892, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 143, 149) }
```

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

```
.background{ background-color: rgb(220,  
143, 149) }
```

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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