

Converting Colors

$Yxy(47.2608, 0.3805, 0.3206)$

Have a look what the booklet for
Yxy(47.2608, 0.3805, 0.3206)
contains.

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Color

Yxy(47.2682, 0.3802, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	F0A2AA
RGB	240, 162, 170
RGB Percent	94%, 64%, 67%
CMY	0.0589, 0.3647, 0.3333
CMYK	0.00, 0.32, 0.29, 0.06
HSL	354°, 72%, 79%
HSV	354°, 32%, 94%
XYZ	56.1079, 47.2682, 44.1986
YIQ	186.2340, 43.9200, 19.0240

Conversions

Conversions Part 2

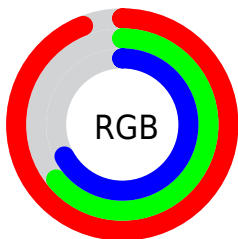
Format	Color
R_{YB}	240, 162, 170
Decimal	15770282
CIE _{Lab}	74.36, 29.95, 7.71
CIE _{LCh}	74, 30.925, 14.435
Yxy	47.2682, 0.3802, 0.3203
Android (android.graphics.Color)	4293960362 (0xFFFF0A2AA)
YUV	186.2340, -8.0034, 47.1528
Hunter-Lab	68.7519, 25.3568, 10.0104

Details

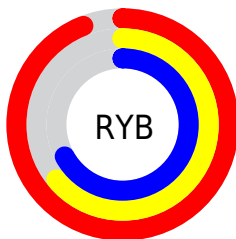
The Yxy color **47.2682, 0.3802, 0.3203** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.8205, 0.2704, 0.3381**, and the grayscale version is **49.2695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3220, 0.3350, 0.3210**, and **22.1904, 0.3995, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **38.8568, 0.4121, 0.3177**, and if you desaturate by 10%, it is **57.4310, 0.3542, 0.3231**.

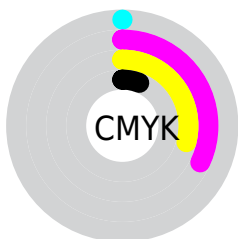
Distribution



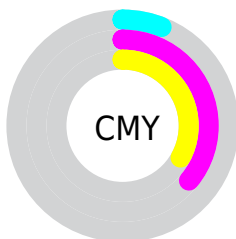
- Red (94%)
- Green (64%)
- Blue (67%)



- Red (94%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (6%)





- Cyan (6%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2682, 0.3802, 0.3203 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 47.2682, 0.3802, 0.3203 by changing the saturation by 10% instead.


 47.2682, 0.3802,
0.3203


 47.2682, 0.3802,
0.3203


375.8841, 0.3463,
0.3253

 33.2477, 0.3887,
0.3189


 86.1138, 0.3678,
0.3222

 22.3163, 0.3996,
0.3170


 111.7078, 0.3632,
0.3229

 14.0895, 0.4141,
0.3142


141.9283, 0.3593,
0.3235

 8.1829, 0.4344,
0.3101

177.1599, 0.3559,
0.3240

 4.2122, 0.4644,
0.3034

217.7868, 0.3530,
0.3244

 1.7930, 0.5129,
0.2908

264.1936, 0.3505,

 0.4828, 0.7198,

0.3247

0.2802

316.7645, 0.3483,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2682, 0.3802,
0.3203

47.2682, 0.3802,
0.3203

38.8568, 0.4121,
0.3177

57.4310, 0.3542,
0.3231

32.0914, 0.4501,
0.3155

69.4292, 0.3332,
0.3258

26.8659, 0.4933,
0.3144

83.3496, 0.3164,
0.3284

23.0591, 0.5388,
0.3148

97.2628, 0.3035,
0.3290

■ 20.5314, 0.5813,
0.3171

■ 19.1146, 0.6142,
0.3213

■ 18.5913, 0.6303,
0.3246

Harmonies

Analogous

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



47.2682, 0.3429, 0.2892



47.2682, 0.3802, 0.3203



47.2682, 0.3982, 0.3550

Triad

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



47.2682, 0.3802, 0.3203



47.2682, 0.3217, 0.4018



47.2682, 0.2388, 0.2680

Complementary

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



47.2682, 0.3802, 0.3203



75.8205, 0.2704, 0.3381

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.



47.2682, 0.2342, 0.2935



47.2682, 0.3802, 0.3203



47.2682, 0.2801, 0.3742

Square

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



47.2682, 0.3802, 0.3203



47.2682, 0.3625, 0.4050



47.2682, 0.2487, 0.3326



47.2682, 0.2616, 0.2595

Rectangle

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



47.2682, 0.3802, 0.3203



47.2682, 0.3962, 0.3768



47.2682, 0.2487, 0.3326



47.2682, 0.2351, 0.2747

Sweetspot

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



47.2705, 0.3802, 0.3203



83.4084, 0.3287, 0.3265



49.1061, 0.3089, 0.2463



17.3927, 0.3312, 0.3261



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.



47.2705, 0.3802, 0.3203



47.6300, 0.4007, 0.3185



58.7884, 0.3774, 0.3621



15.7852, 0.3277, 0.3266



10.1874, 0.6280, 0.3233



0.8562, 0.6029, 0.3095

Inverse Universe

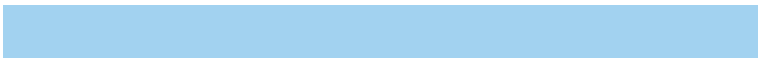
The Inverse Universe completely reimagines the original color for something new.



47.2705, 0.3802, 0.3203



47.6300, 0.4007, 0.3185



60.1139, 0.2619, 0.2932



15.7852, 0.3277, 0.3266



10.1874, 0.6280, 0.3233



0.8562, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 47.2682, 0.3802, 0.3203 looks on a white background.

Color Contrast Check

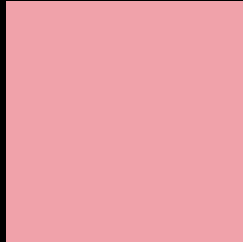
Large Text (above 18pt) WCAG AA × Fail

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 47.2682, 0.3802, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

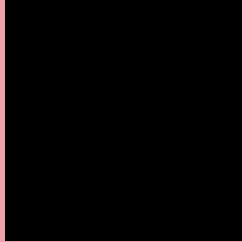
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2682, 0.3802, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 47.2682, 0.3802, 0.3203.



This preview shows how white text looks on a background with the Yxy color 47.2682, 0.3802, 0.3203.

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

47.2682, 0.3802, 0.3203

Protanopia

47.3569, 0.3178, 0.3303

Deuteranopia

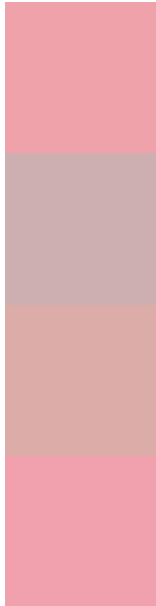
47.4997, 0.3482, 0.3415



Tritanopia

47.0710, 0.3766, 0.3147

Trichromacy



Original Color

47.2682, 0.3802, 0.3203

Protanomaly

46.9561, 0.3389, 0.3266

Deuteranomaly

47.3923, 0.3596, 0.3339

Tritanomaly

47.0321, 0.3776, 0.3159

Monochromacy



Original Color

47.2682, 0.3802, 0.3203

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.8614, 0.3359, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2682, 0.3802, 0.3203 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(240, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(240, 162, 170)  
}
```

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(240, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 162, 170) }
```

Border

The CSS property to change the border of an element to Yxy 47.2682, 0.3802, 0.3203 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(240, 162, 170) }
```

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

```
.border{ border-color:rgb(240, 162, 170) }
```

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

Here you see how a box with a 4 pixel rgb(240, 162, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(240, 162,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2682, 0.3802, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 162, 170) }
```

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

```
.background{ background-color: rgb(240,  
162, 170) }
```

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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