

Converting Colors

$Yxy(46.3416, 0.3842, 0.3218)$

Have a look what the booklet for
Yxy(46.3416, 0.3842, 0.3218)
contains.

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Color

Yxy(46.4201, 0.3848, 0.3225)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0A0A6 |
| RGB | 240, 160, 166 |
| RGB Percent | 94%, 63%, 65% |
| CMY | 0.0589, 0.3725, 0.3489 |
| CMYK | 0.00, 0.33, 0.31, 0.06 |
| HSL | 355°, 73%, 78% |
| HSV | 355°, 33%, 94% |
| XYZ | 55.3875, 46.4201, 42.1307 |
| YIQ | 184.6040, 45.7540, 18.8260 |

Conversions

Conversions Part 2

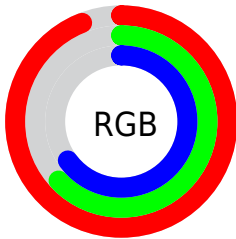
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 240, 160, 166 |
| Decimal | 15769766 |
| CIE Lab | 73.82, 30.49, 9.12 |
| CIE LCh | 74, 31.823, 16.650 |
| Yxy | 46.4201, 0.3848, 0.3225 |
| Android (android.graphics.Color) | 4293959846 (0xFFFF0A0A6) |
| YUV | 184.6040, -9.1718, 48.5823 |
| Hunter-Lab | 68.1323, 25.8782, 11.0297 |

Details

The Yxy color **46.4201, 0.3848, 0.3225** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.7252, 0.2683, 0.3359**, and the grayscale version is **48.3194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0813, 0.3381, 0.3230**, and **21.8851, 0.4057, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **38.1431, 0.4183, 0.3206**, and if you desaturate by 10%, it is **56.4480, 0.3574, 0.3245**.

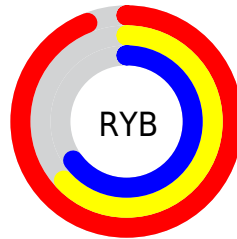
Distribution



Red (94%)

Green (63%)

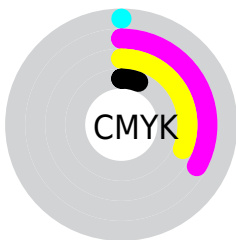
Blue (65%)



Red (94%)

Yellow (63%)

Blue (65%)

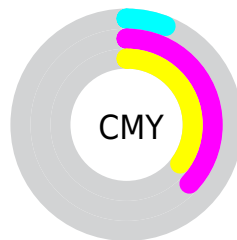


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (6%)



Cyan (6%)


Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4201, 0.3848, 0.3225 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 46.4201, 0.3848, 0.3225 by changing the saturation by 10% instead.


 46.4201, 0.3848,
0.3225


 46.4201, 0.3848,
0.3225


372.4950, 0.3484,
0.3265

 32.5775, 0.3939,
0.3213


 84.8474, 0.3715,
0.3241

 21.8029, 0.4057,
0.3196


 110.2008, 0.3666,
0.3247

 13.7122, 0.4214,
0.3171


140.1599, 0.3624,
0.3251

 7.9208, 0.4433,
0.3132

175.1091, 0.3588,
0.3255

 4.0443, 0.4758,
0.3065

215.4329, 0.3557,
0.3258

 1.6984, 0.5285,
0.2936

261.5155, 0.3529,

 0.4226, 0.7370,

0.3261

0.2630

313.7414, 0.3505,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.4201, 0.3848,
0.3225

46.4201, 0.3848,
0.3225

38.1431, 0.4183,
0.3206

56.4480, 0.3574,
0.3245

31.5104, 0.4580,
0.3192

68.3122, 0.3354,
0.3265

26.4142, 0.5028,
0.3185

82.1003, 0.3178,
0.3284

22.7309, 0.5490,
0.3191

97.2499, 0.3036,
0.3292

■ 20.3181, 0.5908,
0.3211

■ 97.2628, 0.3035,
0.3290

■ 19.0031, 0.6213,
0.3244

■ 18.5667, 0.6338,
0.3265

Harmonies

Analogous

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



46.4201, 0.3472, 0.2900



46.4201, 0.3848, 0.3225



46.4201, 0.4016, 0.3583

Triad

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



46.4201, 0.3848, 0.3225



46.4201, 0.3186, 0.4032



46.4201, 0.2375, 0.2646

Complementary

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



46.4201, 0.3848, 0.3225



75.7252, 0.2683, 0.3359

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.



46.4201, 0.2313, 0.2897



46.4201, 0.3848, 0.3225



46.4201, 0.2761, 0.3730

Square

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



46.4201, 0.3848, 0.3225



46.4201, 0.3613, 0.4083



46.4201, 0.2448, 0.3294



46.4201, 0.2623, 0.2573

Rectangle

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



46.4201, 0.3848, 0.3225



46.4201, 0.3982, 0.3805



46.4201, 0.2448, 0.3294



46.4201, 0.2333, 0.2711

Sweetspot

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



46.4223, 0.3848, 0.3225



83.3690, 0.3292, 0.3272



48.8135, 0.3110, 0.2448



17.3832, 0.3318, 0.3269



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.



46.4223, 0.3848, 0.3225



46.6043, 0.4069, 0.3212



59.3489, 0.3786, 0.3658



15.7781, 0.3281, 0.3273



10.1722, 0.6319, 0.3255



0.8529, 0.6122, 0.3146

Inverse Universe

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



46.4223, 0.3848, 0.3225



46.6043, 0.4069, 0.3212



58.2276, 0.2602, 0.2888



15.7781, 0.3281, 0.3273



10.1722, 0.6319, 0.3255



0.8529, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 46.4201, 0.3848, 0.3225 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 46.4201, 0.3848, 0.3225 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 46.4201, 0.3848, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 46.4201, 0.3848, 0.3225.



This preview shows how white text looks on a background with the Yxy color 46.4201, 0.3848, 0.3225.

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

46.4201, 0.3848, 0.3225

Protanopia

46.6612, 0.3202, 0.3342

Deuteranopia

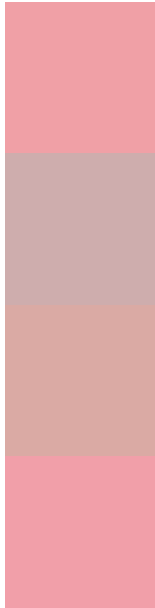
46.4261, 0.3512, 0.3441



Tritanopia

46.4373, 0.3811, 0.3159

Trichromacy



Original Color

46.4201, 0.3848, 0.3225

Protanomaly

46.0261, 0.3428, 0.3291

Deuteranomaly

46.3352, 0.3629, 0.3364

Tritanomaly

46.3616, 0.3831, 0.3181

Monochromacy



Original Color

46.4201, 0.3848, 0.3225

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.2442, 0.3369, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4201, 0.3848, 0.3225 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, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(240, 160, 166)  
}
```

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, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 160, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.4201, 0.3848, 0.3225 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, 160, 166) }
```

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

```
.border{ border-color:rgb(240, 160, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(240, 160,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4201, 0.3848, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 160, 166) }
```

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

```
.background{ background-color: rgb(240,  
160, 166) }
```

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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