

Converting Colors

Yxy(36.7995, 0.4242, 0.3128)

Have a look what the booklet for
Yxy(36.7995, 0.4242, 0.3128)
contains.

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Color

Yxy(36.7688, 0.4243, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	F38190
RGB	243, 129, 144
RGB Percent	95%, 51%, 56%
CMY	0.0471, 0.4941, 0.4352
CMYK	0.00, 0.47, 0.41, 0.05
HSL	352°, 83%, 73%
HSV	352°, 47%, 95%
XYZ	49.8435, 36.7688, 30.8599
YIQ	164.7960, 63.1290, 28.8330

Conversions

Conversions Part 2

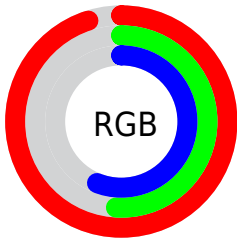
Format	Color
R _Y B	243, 129, 144
Decimal	15958416
CIE Lab	67.10, 45.00, 11.91
CIE LCh	67, 46.551, 14.821
Yxy	36.7688, 0.4243, 0.3130
Android (android.graphics.Color)	4294148496 (0xFFFF38190)
YUV	164.7960, -10.2524, 68.5849
Hunter-Lab	60.6373, 40.6106, 12.2718

Details

The Yxy color **36.7688, 0.4243, 0.3130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.3618, 0.2571, 0.3470**, and the grayscale version is **37.5536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6182, 0.3618, 0.3146**, and **16.0443, 0.4589, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **30.5255, 0.4635, 0.3106**, and if you desaturate by 10%, it is **44.6582, 0.3909, 0.3162**.

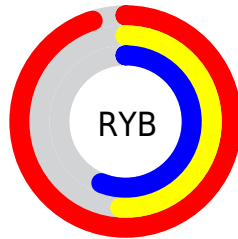
Distribution



Red (95%)

Green (51%)

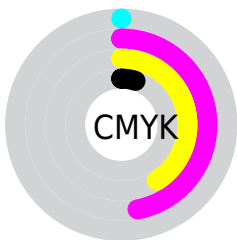
Blue (56%)



Red (95%)

Yellow (51%)

Blue (56%)

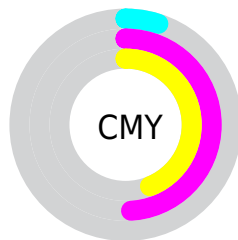


Cyan (0%)

Magenta (47%)

Yellow (41%)

Black (5%)



Cyan (5%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7688, 0.4243, 0.3130 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 36.7688, 0.4243, 0.3130 by changing the saturation by 10% instead.


 36.7688, 0.4243,
0.3130


 36.7688, 0.4243,
0.3130


332.3085, 0.3659,
0.3229

 25.0285, 0.4396,
0.3099


 70.2171, 0.4025,
0.3171

 16.0983, 0.4596,
0.3055


 92.6938, 0.3945,
0.3185

 9.5937, 0.4868,
0.2989


 119.5182, 0.3878,
0.3196

 5.1304, 0.5255,
0.2885

151.0747, 0.3821,
0.3205

 2.3240, 0.5842,
0.2701

187.7475, 0.3772,
0.3213

 0.7864, 0.7394,
0.2530

229.9212, 0.3729,

 0.0000, 1.0000,

0.3219

0.0000

277.9800, 0.3692,
0.3225

■ 0.0000, 0.0000,
0.0000

■ 36.7688, 0.4243,
0.3130

■ 36.7688, 0.4243,
0.3130

■ 30.5255, 0.4635,
0.3106

■ 44.6582, 0.3909,
0.3162

■ 25.8064, 0.5070,
0.3097

■ 54.2932, 0.3633,
0.3198

■ 22.4818, 0.5512,
0.3110


■ 65.7719, 0.3410,
0.3234


■ 20.3976, 0.5905,
0.3147

■ 79.1836, 0.3230,
0.3268

■ 19.3587, 0.6192,
0.3205

■ 94.6116, 0.3086,
0.3300

 19.1563, 0.6258,
0.3221

 97.7921, 0.3053,
0.3290

Harmonies

Analogous

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



36.7688, 0.3617, 0.2670



36.7688, 0.4243, 0.3130



36.7688, 0.4524, 0.3653

Triad

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



36.7688, 0.4243, 0.3130



36.7688, 0.3226, 0.4528



36.7688, 0.1981, 0.2312

Complementary

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



36.7688, 0.4243, 0.3130



74.3618, 0.2571, 0.3470

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.



36.7688, 0.1905, 0.2679



36.7688, 0.4243, 0.3130



36.7688, 0.2574, 0.4049

Square

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



36.7688, 0.4243, 0.3130



36.7688, 0.3886, 0.4525



36.7688, 0.2105, 0.3313



36.7688, 0.2320, 0.2213

Rectangle

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



36.7688, 0.4243, 0.3130



36.7688, 0.4468, 0.4000



36.7688, 0.2105, 0.3313



36.7688, 0.1926, 0.2403

Sweetspot

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



36.7707, 0.4243, 0.3130



77.4614, 0.3354, 0.3244



38.6344, 0.3043, 0.2101



15.9197, 0.3396, 0.3236



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.



36.7707, 0.4243, 0.3130



34.5309, 0.4603, 0.3107



49.6895, 0.4182, 0.3748



16.5180, 0.3273, 0.3259



10.5259, 0.6232, 0.3206



0.9361, 0.5950, 0.3052

Inverse Universe

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



36.7707, 0.4243, 0.3130



34.5309, 0.4603, 0.3107



53.0035, 0.2408, 0.2764



16.5180, 0.3273, 0.3259



10.5259, 0.6232, 0.3206



0.9361, 0.5950, 0.3052

Previews

White Background



This preview shows how the Yxy color 36.7688, 0.4243, 0.3130 looks on a white background.

Color Contrast Check

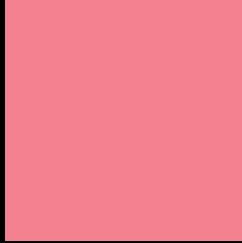
Large Text (above 18pt) WCAG AA × Fail

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 36.7688, 0.4243, 0.3130 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 36.7688, 0.4243, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 36.7688, 0.4243, 0.3130.



This preview shows how white text looks on a background with the Yxy color 36.7688, 0.4243, 0.3130.

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

36.7688, 0.4243, 0.3130

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

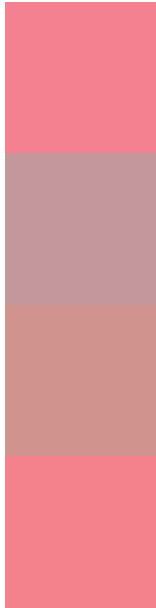
37.0092, 0.3610, 0.3551



Tritanopia

36.8840, 0.4298, 0.3196

Trichromacy



Original Color

36.7688, 0.4243, 0.3130

Protanomaly

36.1019, 0.3542, 0.3238

Deuteranomaly

36.2004, 0.3839, 0.3369

Tritanomaly

36.9430, 0.4274, 0.3174

Monochromacy



Original Color

36.7688, 0.4243, 0.3130

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.2283, 0.3498, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7688, 0.4243, 0.3130 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(243, 129, 144)` looks like.

```
.text, #text, p{  
    color:rgb(243, 129, 144)  
}
```

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(243, 129, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 129, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.7688, 0.4243, 0.3130 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(243, 129, 144) }
```

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

```
.border{ border-color:rgb(243, 129, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 129, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 129, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 129, 144);  
box-shadow:4px 4px 4px 4px rgb(243, 129,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7688, 0.4243, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 129, 144) }
```

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

```
.background{ background-color: rgb(243,  
129, 144) }
```

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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