

Converting Colors

$Yxy(48.2583, 0.4868, 0.3139)$

Have a look what the booklet for
Yxy(48.2583, 0.4868, 0.3139)
contains.

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Color

Yxy(36.8578, 0.4434, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	FF798D
RGB	255, 121, 141
RGB Percent	100%, 47%, 55%
CMY	0.0000, 0.5255, 0.4470
CMYK	0.00, 0.53, 0.45, 0.00
HSL	351°, 100%, 74%
HSV	351°, 53%, 100%
XYZ	52.8892, 36.8578, 29.5340
YIQ	163.3460, 73.4440, 34.6280

Conversions

Conversions Part 2

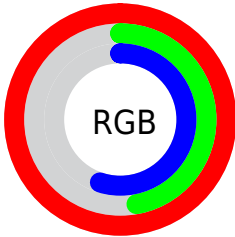
Format	Color
R _Y B	255, 121, 141
Decimal	16742797
CIE Lab	67.17, 52.76, 13.93
CIE LCh	67, 54.573, 14.791
Yxy	36.8578, 0.4434, 0.3090
Android (android.graphics.Color)	4294932877 (0xFFFF798D)
YUV	163.3460, -11.0166, 80.3806
Hunter-Lab	60.7106, 49.2599, 13.6546

Details

The Yxy color **36.8578, 0.4434, 0.3090** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.5815, 0.2533, 0.3525**, and the grayscale version is **36.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5993, 0.3670, 0.3114**, and **16.1211, 0.4845, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **30.8742, 0.4846, 0.3071**, and if you desaturate by 10%, it is **44.6054, 0.4073, 0.3123**.

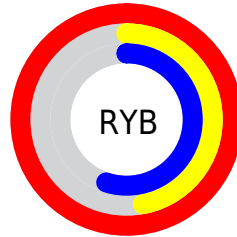
Distribution



Red (100%)

Green (47%)

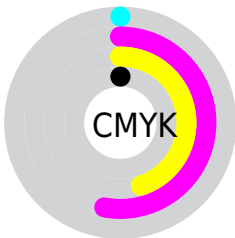
Blue (55%)



Red (100%)

Yellow (47%)

Blue (55%)

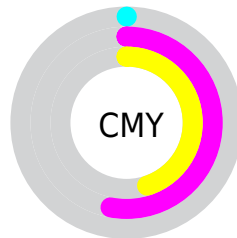


Cyan (0%)

Magenta (53%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8578, 0.4434, 0.3090 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 36.8578, 0.4434, 0.3090 by changing the saturation by 10% instead.

 36.8578, 0.4434,
0.3090


 36.8578, 0.4434,
0.3090


332.6945, 0.3751,
0.3215

 25.0974, 0.4612,
0.3050


 70.3540, 0.4180,
0.3142

 16.1496, 0.4843,
0.2995


 92.8587, 0.4086,
0.3159

 9.6301, 0.5154,
0.2912

 119.7135, 0.4008,
0.3173

 5.1544, 0.5592,
0.2782

151.3029, 0.3941,
0.3185

 2.3381, 0.6237,
0.2558

188.0113, 0.3884,
0.3194

 0.7938, 0.7731,
0.2269

230.2231, 0.3834,


 0.0000, 1.0000,

0.3203

0.0000

278.3227, 0.3790,
0.3209


 0.0000, 0.0000,
0.0000


 36.8578, 0.4434,
0.3090


 36.8578, 0.4434,
0.3090

 30.8742, 0.4846,
0.3071


 44.6054, 0.4073,
0.3123


 26.5151, 0.5285,
0.3072


 54.2415, 0.3771,
0.3162


 23.6198, 0.5705,
0.3101

 65.8793, 0.3523,
0.3203

 21.9945, 0.6048,
0.3156

 79.6231, 0.3323,
0.3243

 21.4006, 0.6229,
0.3205

 95.5698, 0.3163,
0.3281

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



36.8578, 0.3693, 0.2576



36.8578, 0.4434, 0.3090



36.8578, 0.4754, 0.3677

Triad

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



36.8578, 0.4434, 0.3090



36.8578, 0.3221, 0.4763



36.8578, 0.1819, 0.2163

Complementary

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



36.8578, 0.4434, 0.3090



81.5815, 0.2533, 0.3525

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.



36.8578, 0.1732, 0.2567



36.8578, 0.4434, 0.3090



36.8578, 0.2475, 0.4194

Square

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



36.8578, 0.4434, 0.3090



36.8578, 0.3983, 0.4720



36.8578, 0.1947, 0.3303



36.8578, 0.2196, 0.2061

Rectangle

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



36.8578, 0.4434, 0.3090



36.8578, 0.4675, 0.4074



36.8578, 0.1947, 0.3303



36.8578, 0.1758, 0.2261

Sweetspot

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



36.8578, 0.4434, 0.3090



74.6375, 0.3388, 0.3229



38.5391, 0.3007, 0.1960



15.3651, 0.3428, 0.3221



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.



36.8578, 0.4434, 0.3090



30.6443, 0.4865, 0.3070



50.6081, 0.4377, 0.3775



18.0313, 0.3271, 0.3255



11.1954, 0.6199, 0.3189



1.1025, 0.5931, 0.3041

Inverse Universe

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



36.8578, 0.4434, 0.3090



30.6443, 0.4865, 0.3070



56.4448, 0.2334, 0.2715



18.0313, 0.3271, 0.3255



11.1954, 0.6199, 0.3189



1.1025, 0.5931, 0.3041

Previews

White Background



This preview shows how the Yxy color 36.8578, 0.4434, 0.3090 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 36.8578, 0.4434, 0.3090 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 36.8578, 0.4434, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 36.8578, 0.4434, 0.3090.



This preview shows how white text looks on a background with the Yxy color 36.8578, 0.4434, 0.3090.

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

36.8578, 0.4434, 0.3090

Protanopia

37.0542, 0.3165, 0.3290

Deuteranopia

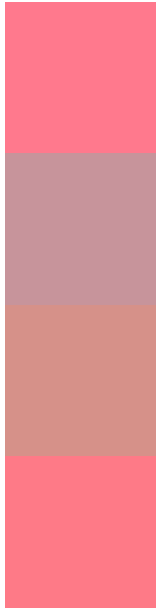
37.1501, 0.3670, 0.3604



Tritanopia

36.8754, 0.4535, 0.3213

Trichromacy



Original Color

36.8578, 0.4434, 0.3090

Protanomaly

35.6885, 0.3592, 0.3200

Deuteranomaly

36.3531, 0.3954, 0.3392

Tritanomaly

36.7392, 0.4493, 0.3162

Monochromacy



Original Color

36.8578, 0.4434, 0.3090

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.2821, 0.3560, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8578, 0.4434, 0.3090 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(255, 121, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 141)  
}
```

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(255, 121, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.8578, 0.4434, 0.3090 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(255, 121, 141) }
```

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

```
.border{ border-color:rgb(255, 121, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8578, 0.4434, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 141) }
```

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

```
.background{ background-color: rgb(255,  
121, 141) }
```

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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