

Converting Colors

Yxy(36.9578, 0.4517, 0.3180)

Have a look what the booklet for
Yxy(36.9578, 0.4517, 0.3180)
contains.

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Color

Yxy(36.9003, 0.4514, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A86
RGB	255, 122, 134
RGB Percent	100%, 48%, 53%
CMY	0.0001, 0.5215, 0.4746
CMYK	0.00, 0.52, 0.47, 0.00
HSL	355°, 100%, 74%
HSV	355°, 52%, 100%
XYZ	52.4954, 36.9003, 26.8990
YIQ	163.1350, 75.4160, 31.9280

Conversions

Conversions Part 2

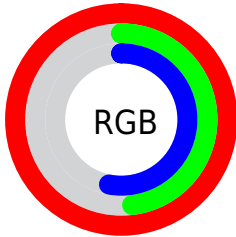
Format	Color
R _Y B	255, 122, 134
Decimal	16743046
CIE Lab	67.20, 51.60, 17.96
CIE LCh	67, 54.639, 19.188
Yxy	36.9003, 0.4514, 0.3173
Android (android.graphics.Color)	4294933126 (0xFFFF7A86)
YUV	163.1350, -14.3636, 80.5656
Hunter-Lab	60.7456, 47.9521, 16.2675

Details

The Yxy color **36.9003, 0.4514, 0.3173** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.1197, 0.2503, 0.3427**, and the grayscale version is **36.7379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6886, 0.3730, 0.3198**, and **16.2595, 0.4936, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **30.8612, 0.4953, 0.3163**, and if you desaturate by 10%, it is **44.7276, 0.4128, 0.3192**.

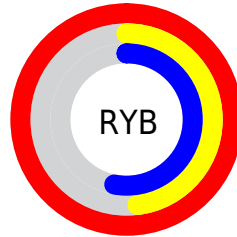
Distribution



Red (100%)

Green (48%)

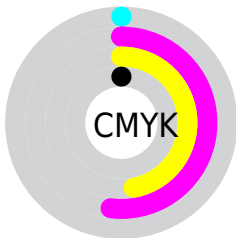
Blue (53%)



Red (100%)

Yellow (48%)

Blue (53%)

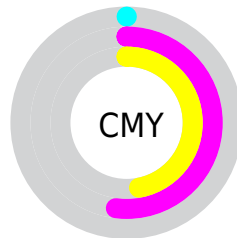


Cyan (0%)

Magenta (52%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9003, 0.4514, 0.3173 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 36.9003, 0.4514, 0.3173 by changing the saturation by 10% instead.


 36.9003, 0.4514,
0.3173


 36.9003, 0.4514,
0.3173

332.8787, 0.3789,
0.3262

 25.1303, 0.4702,
0.3140


 70.4194, 0.4245,
0.3213

 16.1742, 0.4946,
0.3092

 92.9373, 0.4145,
0.3226

 9.6475, 0.5273,
0.3018


 119.8067, 0.4062,
0.3236

 5.1659, 0.5729,
0.2894

151.4119, 0.3991,
0.3243

 2.3449, 0.6396,
0.2672

188.1372, 0.3930,
0.3249

 0.7973, 0.7687,
0.2313

230.3672, 0.3877,

 0.0000, 1.0000,

0.3255

0.0000

278.4863, 0.3830,
0.3259

■ 0.0000, 0.0000,
0.0000

■ 36.9003, 0.4514,
0.3173

■ 36.9003, 0.4514,
0.3173

■ 30.8612, 0.4953,
0.3163

■ 44.7276, 0.4128,
0.3192

■ 26.4638, 0.5413,
0.3167

■ 54.4631, 0.3805,
0.3215

■ 23.5480, 0.5840,
0.3189

■ 66.2230, 0.3541,
0.3239

■ 21.9188, 0.6165,
0.3226

■ 80.1126, 0.3329,
0.3263

■ 21.3176, 0.6324,
0.3257

■ 96.2300, 0.3159,
0.3285

99.9961, 0.3127,
0.3290

Harmonies

Analogous

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



36.9003, 0.3817, 0.2643



36.9003, 0.4514, 0.3173



36.9003, 0.4757, 0.3765

Triad

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



36.9003, 0.4514, 0.3173



36.9003, 0.3105, 0.4718



36.9003, 0.1855, 0.2129

Complementary

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



36.9003, 0.4514, 0.3173



82.1197, 0.2503, 0.3427

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.



36.9003, 0.1725, 0.2486



36.9003, 0.4514, 0.3173



36.9003, 0.2379, 0.4071

Square

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



36.9003, 0.4514, 0.3173



36.9003, 0.3879, 0.4761



36.9003, 0.1895, 0.3177



36.9003, 0.2275, 0.2067

Rectangle

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



36.9003, 0.4514, 0.3173



36.9003, 0.4631, 0.4160



36.9003, 0.1895, 0.3177



36.9003, 0.1780, 0.2213

Sweetspot

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



36.9022, 0.4514, 0.3173



74.5093, 0.3405, 0.3254



39.9658, 0.3068, 0.1993



15.3350, 0.3449, 0.3249



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.



36.9022, 0.4514, 0.3173



30.4272, 0.4992, 0.3163



53.4029, 0.4322, 0.3840



18.0136, 0.3280, 0.3269



11.1498, 0.6303, 0.3246



1.0942, 0.6107, 0.3138

Inverse Universe

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



36.9022, 0.4514, 0.3173



30.4272, 0.4992, 0.3163



53.5048, 0.2322, 0.2635



18.0136, 0.3280, 0.3269



11.1498, 0.6303, 0.3246



1.0942, 0.6107, 0.3138

Previews

White Background



This preview shows how the Yxy color 36.9003, 0.4514, 0.3173 looks on a white background.

Color Contrast Check

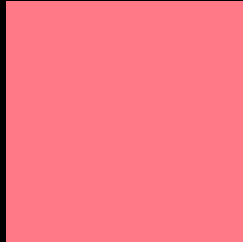
Large Text (above 18pt) WCAG AA × Fail

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 36.9003, 0.4514, 0.3173 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 36.9003, 0.4514, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 36.9003, 0.4514, 0.3173.



This preview shows how white text looks on a background with the Yxy color 36.9003, 0.4514, 0.3173.

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

36.9003, 0.4514, 0.3173

Protanopia

36.9960, 0.3256, 0.3405

Deuteranopia

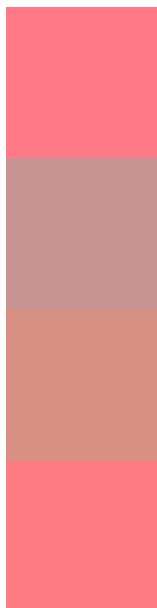
36.8789, 0.3764, 0.3683



Tritanopia

37.0646, 0.4544, 0.3213

Trichromacy



Original Color

36.9003, 0.4514, 0.3173

Protanomaly

35.5658, 0.3687, 0.3305

Deuteranomaly

36.0053, 0.4045, 0.3466

Tritanomaly

37.0919, 0.4533, 0.3203

Monochromacy



Original Color

36.9003, 0.4514, 0.3173

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.1826, 0.3592, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9003, 0.4514, 0.3173 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, 122, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 134)  
}
```

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, 122, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 134) }
```

Border

The CSS property to change the border of an element to Yxy 36.9003, 0.4514, 0.3173 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, 122, 134) }
```

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

```
.border{ border-color:rgb(255, 122, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9003, 0.4514, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 134) }
```

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

```
.background{ background-color: rgb(255,  
122, 134) }
```

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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