

Converting Colors

$Y_{xy}(36.1774, 0.4616, 0.3227)$

Have a look what the booklet for
Yxy(36.1774, 0.4616, 0.3227)
contains.

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Color

Yxy(36.2252, 0.4609, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	FF787F
RGB	255, 120, 127
RGB Percent	100%, 47%, 50%
CMY	0.0000, 0.5294, 0.5019
CMYK	0.00, 0.53, 0.50, 0.00
HSL	357°, 100%, 74%
HSV	357°, 53%, 100%
XYZ	51.7872, 36.2252, 24.3486
YIQ	161.1630, 78.2130, 30.7970

Conversions

Conversions Part 2

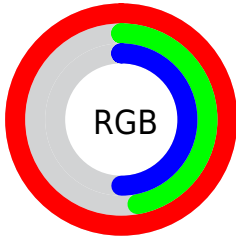
Format	Color
R _Y B	255, 120, 127
Decimal	16742527
CIE Lab	66.69, 51.95, 21.18
CIE LCh	67, 56.101, 22.177
Yxy	36.2252, 0.4609, 0.3224
Android (android.graphics.Color)	4294932607 (0xFFFF787F)
YUV	161.1630, -16.8424, 82.2950
Hunter-Lab	60.1874, 48.2594, 18.1456

Details

The Yxy color **36.2252, 0.4609, 0.3224** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.2871, 0.2475, 0.3369**, and the grayscale version is **35.7752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6060, 0.3799, 0.3250**, and **15.8000, 0.5080, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **30.3317, 0.5067, 0.3220**, and if you desaturate by 10%, it is **43.9065, 0.4201, 0.3234**.

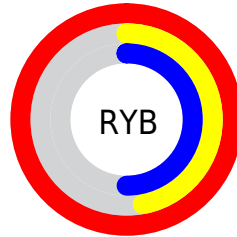
Distribution



Red (100%)

Green (47%)

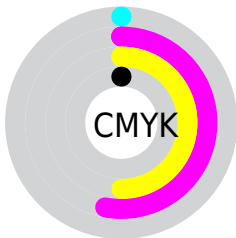
Blue (50%)



Red (100%)

Yellow (47%)

Blue (50%)

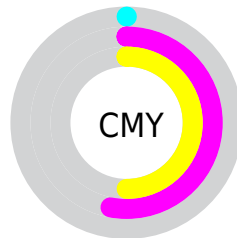


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2252, 0.4609, 0.3224 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 36.2252, 0.4609, 0.3224 by changing the saturation by 10% instead.

 36.2252, 0.4609,
0.3224


 36.2252, 0.4609,
0.3224


329.9438, 0.3833,
0.3293

 24.6082, 0.4810,
0.3194


 69.3795, 0.4321,
0.3258

 15.7854, 0.5070,
0.3148


 91.6856, 0.4214,
0.3269

 9.3724, 0.5418,
0.3073


 118.3235, 0.4125,
0.3276

 4.9849, 0.5899,
0.2943

149.6776, 0.4049,
0.3282

 2.2384, 0.6632,
0.2722

186.1322, 0.3983,
0.3286

 0.7408, 0.7752,
0.2248

228.0719, 0.3926,

 0.0000, 1.0000,

0.3289

0.0000

275.8810, 0.3877,
0.3292

■ 0.0000, 0.0000,
0.0000

■ 36.2252, 0.4609,
0.3224

■ 36.2252, 0.4609,
0.3224

■ 30.3317, 0.5067,
0.3220

■ 43.9065, 0.4201,
0.3234

■ 26.0764, 0.5537,
0.3225

■ 53.4978, 0.3858,
0.3246

■ 23.2953, 0.5954,
0.3241

■ 65.1173, 0.3578,
0.3260

■ 21.7875, 0.6247,
0.3265

■ 78.8722, 0.3353,
0.3274

■ 21.2889, 0.6363,
0.3279

■ 94.8618, 0.3173,
0.3286

99.9992, 0.3127,
0.3290

Harmonies

Analogous

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



36.2252, 0.3924, 0.2673



36.2252, 0.4609, 0.3224



36.2252, 0.4802, 0.3832

Triad

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



36.2252, 0.4609, 0.3224



36.2252, 0.3019, 0.4731



36.2252, 0.1850, 0.2077

Complementary

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



36.2252, 0.4609, 0.3224



82.2871, 0.2475, 0.3369

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.



36.2252, 0.1688, 0.2408



36.2252, 0.4609, 0.3224



36.2252, 0.2291, 0.4009

Square

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



36.2252, 0.4609, 0.3224



36.2252, 0.3820, 0.4830



36.2252, 0.1827, 0.3084



36.2252, 0.2308, 0.2043

Rectangle

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



36.2252, 0.4609, 0.3224



36.2252, 0.4636, 0.4236



36.2252, 0.1827, 0.3084



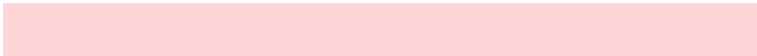
36.2252, 0.1763, 0.2152

Sweetspot

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



36.2271, 0.4609, 0.3224



74.4289, 0.3416, 0.3269



40.2470, 0.3106, 0.1992



15.3162, 0.3462, 0.3267



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.



36.2271, 0.4609, 0.3224



29.8052, 0.5117, 0.3220



54.6568, 0.4319, 0.3892



18.0024, 0.3286, 0.3278



11.1306, 0.6348, 0.3271



1.0889, 0.6226, 0.3204

Inverse Universe

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



36.2271, 0.4609, 0.3224



29.8052, 0.5117, 0.3220



50.9198, 0.2299, 0.2564



18.0024, 0.3286, 0.3278



11.1306, 0.6348, 0.3271



1.0889, 0.6226, 0.3204

Previews

White Background



This preview shows how the Yxy color 36.2252, 0.4609, 0.3224 looks on a white background.

Color Contrast Check

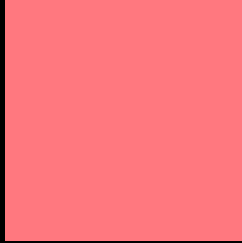
Large Text (above 18pt) WCAG AA × Fail

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 36.2252, 0.4609, 0.3224 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 36.2252, 0.4609, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 36.2252, 0.4609, 0.3224.



This preview shows how white text looks on a background with the Yxy color 36.2252, 0.4609, 0.3224.

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

36.2252, 0.4609, 0.3224

Protanopia

36.3823, 0.3330, 0.3507

Deuteranopia

36.3639, 0.3838, 0.3765



Tritanopia

36.2515, 0.4597, 0.3214

Trichromacy



Original Color

36.2252, 0.4609, 0.3224

Protanomaly

35.0402, 0.3765, 0.3384

Deuteranomaly

35.5221, 0.4127, 0.3540

Tritanomaly

36.2515, 0.4597, 0.3214

Monochromacy



Original Color

36.2252, 0.4609, 0.3224

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.3298, 0.3619, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2252, 0.4609, 0.3224 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, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 127)  
}
```

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, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.2252, 0.4609, 0.3224 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, 120, 127) }
```

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

```
.border{ border-color:rgb(255, 120, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2252, 0.4609, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 127) }
```

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

```
.background{ background-color: rgb(255,  
120, 127) }
```

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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