

Converting Colors

$Y_{xy}(36.8575, 0.4636, 0.3292)$

Have a look what the booklet for
Yxy(36.8575, 0.4636, 0.3292)
contains.

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Color

Yxy(36.8560, 0.4639, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	FF7B7B
RGB	255, 123, 123
RGB Percent	100%, 48%, 48%
CMY	0.0000, 0.5177, 0.5175
CMYK	0.00, 0.52, 0.52, 0.00
HSL	360°, 100%, 74%
HSV	360°, 52%, 100%
XYZ	51.9050, 36.8560, 23.1273
YIQ	162.4680, 78.6720, 27.9840

Conversions

Conversions Part 2

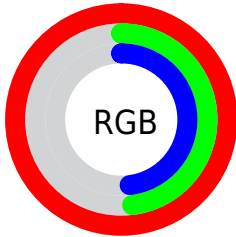
Format	Color
R_{YB}	255, 123, 123
Decimal	16743291
CIE _{Lab}	67.17, 50.20, 24.06
CIE _{LCh}	67, 55.673, 25.610
Yxy	36.8560, 0.4639, 0.3294
Android (android.graphics.Color)	4294933371 (0xFFFF7B7B)
YUV	162.4680, -19.4577, 81.1506
Hunter-Lab	60.7091, 46.3726, 19.9097

Details

The Yxy color **36.8560, 0.4639, 0.3294** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.9475, 0.2457, 0.3289**, and the grayscale version is **36.4258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1959, 0.3838, 0.3324**, and **16.2200, 0.5113, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **30.7734, 0.5113, 0.3295**, and if you desaturate by 10%, it is **44.7487, 0.4216, 0.3293**.

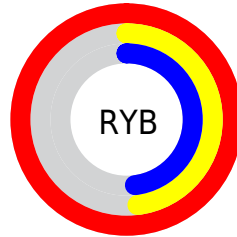
Distribution



Red (100%)

Green (48%)

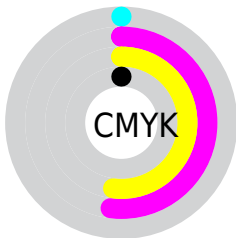
Blue (48%)



Red (100%)

Yellow (48%)

Blue (48%)

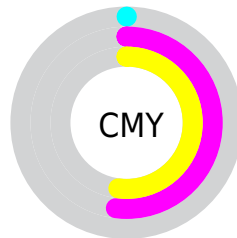


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8560, 0.4639, 0.3294 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 36.8560, 0.4639, 0.3294 by changing the saturation by 10% instead.

 36.8560, 0.4639,
0.3294


 36.8560, 0.4639,
0.3294


332.6867, 0.3849,
0.3332


 25.0960, 0.4842,
0.3271


 70.3513, 0.4347,
0.3318

 16.1486, 0.5104,
0.3232


 92.8553, 0.4238,
0.3324

 9.6294, 0.5451,
0.3166


 119.7095, 0.4147,
0.3327

 5.1539, 0.5927,
0.3046

151.2983, 0.4070,
0.3330

 2.3379, 0.6679,
0.2849

188.0060, 0.4003,
0.3331

 0.7936, 0.7640,
0.2360

230.2170, 0.3945,

 0.0000, 1.0000,


0.3331

0.0000

278.3158, 0.3894,
0.3332


 0.0000, 0.0000,
0.0000


 36.8560, 0.4639,
0.3294

 36.8560, 0.4639,
0.3294


 30.7734, 0.5113,
0.3295

 44.7487, 0.4216,
0.3293


 26.3620, 0.5594,
0.3297

 54.5849, 0.3861,
0.3292

 23.4542, 0.6010,
0.3298

 66.4800, 0.3572,
0.3291

 21.8504, 0.6288,
0.3299

 80.5414, 0.3340,
0.3291

 21.2602, 0.6401,
0.3300

 96.8693, 0.3156,
0.3290

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.



36.8560, 0.4008, 0.2738



36.8560, 0.4639, 0.3294



36.8560, 0.4769, 0.3899

Triad

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



36.8560, 0.4639, 0.3294



36.8560, 0.2932, 0.4656



36.8560, 0.1901, 0.2073

Complementary

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



36.8560, 0.4639, 0.3294



82.9475, 0.2457, 0.3289

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.



36.8560, 0.1707, 0.2365



36.8560, 0.4639, 0.3294



36.8560, 0.2234, 0.3893

Square

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



36.8560, 0.4639, 0.3294



36.8560, 0.3727, 0.4830



36.8560, 0.1811, 0.2995



36.8560, 0.2389, 0.2068

Rectangle

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



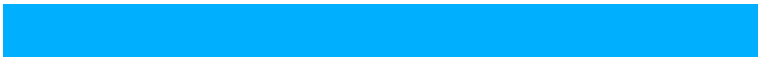
36.8560, 0.4639, 0.3294



36.8560, 0.4571, 0.4293



36.8560, 0.1811, 0.2995



36.8560, 0.1804, 0.2136

Sweetspot

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



36.8544, 0.4639, 0.3294



74.3204, 0.3432, 0.3291



42.2286, 0.3166, 0.2039



15.2908, 0.3480, 0.3291



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.



36.8544, 0.4639, 0.3294



30.6531, 0.5124, 0.3295



58.1435, 0.4244, 0.3946



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Inverse Universe

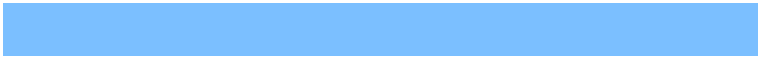
The Inverse Universe completely reimagines the original color for something new.



36.8544, 0.4639, 0.3294



30.6531, 0.5124, 0.3295



48.7771, 0.2298, 0.2497



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 36.8560, 0.4639, 0.3294 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 36.8560, 0.4639, 0.3294 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 36.8560, 0.4639, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 36.8560, 0.4639, 0.3294.



This preview shows how white text looks on a background with the Yxy color 36.8560, 0.4639, 0.3294.

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

36.8560, 0.4639, 0.3294

Protanopia

36.9180, 0.3405, 0.3592

Deuteranopia

37.0004, 0.3904, 0.3824



Tritanopia

36.8178, 0.4550, 0.3203

Trichromacy



Original Color

36.8560, 0.4639, 0.3294

Protanomaly

35.4856, 0.3836, 0.3462

Deuteranomaly

36.3344, 0.4180, 0.3610

Tritanomaly

36.7376, 0.4586, 0.3234

Monochromacy



Original Color

36.8560, 0.4639, 0.3294

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0537, 0.3634, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8560, 0.4639, 0.3294 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, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 123)  
}
```

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, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 123) }
```

Border

The CSS property to change the border of an element to Yxy 36.8560, 0.4639, 0.3294 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, 123, 123) }
```

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

```
.border{ border-color:rgb(255, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 123, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 123, 123); box-shadow:4px 4px 4px 4px rgb(255, 123, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8560, 0.4639, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 123) }
```

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

```
.background{ background-color: rgb(255,  
123, 123) }
```

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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