

Converting Colors

$Y_{xy}(36.2806, 0.4514, 0.3134)$

Have a look what the booklet for
Yxy(36.2806, 0.4514, 0.3134)
contains.

Yxy(36.2029, 0.4518, 0.3133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.2029, 0.4518, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	FF7787
RGB	255, 119, 135
RGB Percent	100%, 47%, 53%
CMY	0.0000, 0.5333, 0.4707
CMYK	0.00, 0.53, 0.47, 0.00
HSL	353°, 100%, 73%
HSV	353°, 53%, 100%
XYZ	52.2071, 36.2029, 27.1435
YIQ	161.4880, 75.9200, 33.8080

Conversions

Conversions Part 2

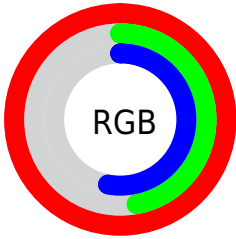
Format	Color
R _Y B	255, 119, 135
Decimal	16742279
CIE Lab	66.67, 53.12, 16.67
CIE LCh	67, 55.679, 17.421
Yxy	36.2029, 0.4518, 0.3133
Android (android.graphics.Color)	4294932359 (0xFFFF7787)
YUV	161.4880, -13.0586, 82.0100
Hunter-Lab	60.1688, 49.5847, 15.3712

Details

The Yxy color **36.2029, 0.4518, 0.3133** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.6760, 0.2509, 0.3476**, and the grayscale version is **35.9161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5508, 0.3729, 0.3156**, and **15.8080, 0.4948, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **30.3588, 0.4949, 0.3120**, and if you desaturate by 10%, it is **43.8126, 0.4138, 0.3157**.

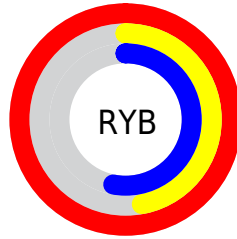
Distribution



Red (100%)

Green (47%)

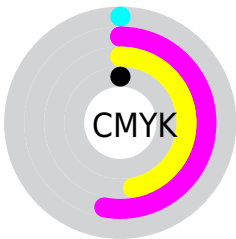
Blue (53%)



Red (100%)

Yellow (47%)

Blue (53%)

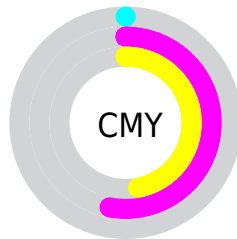


Cyan (0%)

Magenta (53%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2029, 0.4518, 0.3133 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 36.2029, 0.4518, 0.3133 by changing the saturation by 10% instead.

 36.2029, 0.4518,
0.3133


 36.2029, 0.4518,
0.3133


329.8465, 0.3789,
0.3242

 24.5909, 0.4708,
0.3096


 69.3451, 0.4247,
0.3180

 15.7726, 0.4954,
0.3042


 91.6442, 0.4147,
0.3195

 9.3634, 0.5286,
0.2960


 118.2744, 0.4063,
0.3207

 4.9789, 0.5750,
0.2826

149.6201, 0.3991,
0.3217

 2.2349, 0.6431,
0.2590

186.0658, 0.3930,
0.3225

 0.7389, 0.7794,
0.2206

227.9959, 0.3877,


 0.0000, 1.0000,


0.3232

0.0000


275.7946, 0.3830,
0.3237


 0.0000, 0.0000,
0.0000

 36.2029, 0.4518,
0.3133

 36.2029, 0.4518,
0.3133


 30.3588, 0.4949,
0.3120


 43.8126, 0.4138,
0.3157


 26.1328, 0.5400,
0.3126

 53.3087, 0.3818,
0.3187


 23.3627, 0.5819,
0.3153

 64.8079, 0.3556,
0.3219

 21.8497, 0.6141,
0.3202

 78.4157, 0.3345,
0.3251

 21.3527, 0.6285,
0.3236

 94.2305, 0.3176,
0.3281

99.9994, 0.3127,
0.3290

Harmonies

Analogous

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



36.2029, 0.3783, 0.2600



36.2029, 0.4518, 0.3133



36.2029, 0.4797, 0.3733

Triad

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



36.2029, 0.4518, 0.3133



36.2029, 0.3148, 0.4779



36.2029, 0.1813, 0.2116

Complementary

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



36.2029, 0.4518, 0.3133



81.6760, 0.2509, 0.3476

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.



36.2029, 0.1698, 0.2497



36.2029, 0.4518, 0.3133



36.2029, 0.2398, 0.4145

Square

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



36.2029, 0.4518, 0.3133



36.2029, 0.3935, 0.4780



36.2029, 0.1887, 0.3223



36.2029, 0.2222, 0.2038

Rectangle

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



36.2029, 0.4518, 0.3133



36.2029, 0.4684, 0.4138



36.2029, 0.1887, 0.3223



36.2029, 0.1742, 0.2206

Sweetspot

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



36.2048, 0.4518, 0.3133



74.5681, 0.3397, 0.3242



38.3985, 0.3025, 0.1951



15.3488, 0.3439, 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.



36.2048, 0.4518, 0.3133



30.0260, 0.4979, 0.3120



50.9211, 0.4388, 0.3804



18.0217, 0.3276, 0.3262



11.1684, 0.6260, 0.3222



1.0980, 0.6024, 0.3092

Inverse Universe

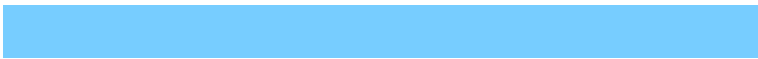
The Inverse Universe completely reimagines the original color for something new.



36.2048, 0.4518, 0.3133



30.0260, 0.4979, 0.3120



54.8710, 0.2317, 0.2676



18.0217, 0.3276, 0.3262



11.1684, 0.6260, 0.3222



1.0980, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 36.2029, 0.4518, 0.3133 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 36.2029, 0.4518, 0.3133 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 36.2029, 0.4518, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 36.2029, 0.4518, 0.3133.



This preview shows how white text looks on a background with the Yxy color 36.2029, 0.4518, 0.3133.

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

36.2029, 0.4518, 0.3133

Protanopia

36.4905, 0.3220, 0.3362

Deuteranopia

36.3091, 0.3738, 0.3660



Tritanopia

36.2515, 0.4597, 0.3214

Trichromacy



Original Color

36.2029, 0.4518, 0.3133

Protanomaly

34.8698, 0.3661, 0.3252

Deuteranomaly

35.5798, 0.4029, 0.3442

Tritanomaly

36.3316, 0.4561, 0.3183

Monochromacy



Original Color

36.2029, 0.4518, 0.3133

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.4269, 0.3587, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2029, 0.4518, 0.3133 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, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 135)  
}
```

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, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 135) }
```

Border

The CSS property to change the border of an element to Yxy 36.2029, 0.4518, 0.3133 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, 119, 135) }
```

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

```
.border{ border-color:rgb(255, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2029, 0.4518, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 135) }
```

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

```
.background{ background-color: rgb(255,  
119, 135) }
```

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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