

Converting Colors

$Y_{xy}(32.7263, 0.4885, 0.3242)$

Have a look what the booklet for
Yxy(32.7263, 0.4885, 0.3242)
contains.

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Color

Yxy(32.7379, 0.4878, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A70
RGB	255, 106, 112
RGB Percent	100%, 42%, 44%
CMY	0.0000, 0.5843, 0.5608
CMYK	0.00, 0.58, 0.56, 0.00
HSL	358°, 100%, 71%
HSV	358°, 58%, 100%
XYZ	49.3192, 32.7379, 19.0482
YIQ	151.2350, 86.8780, 33.4540

Conversions

Conversions Part 2

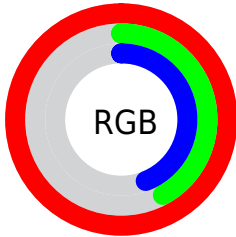
Format	Color
R _Y B	255, 106, 112
Decimal	16738928
CIE Lab	63.95, 57.18, 25.98
CIE LCh	64, 62.810, 24.438
Yxy	32.7379, 0.4878, 0.3238
Android (android.graphics.Color)	4294929008 (0xFFFF6A70)
YUV	151.2350, -19.3429, 91.0019
Hunter-Lab	57.2170, 53.7312, 20.3136

Details

The Yxy color **32.7379, 0.4878, 0.3238** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.4247, 0.2425, 0.3358**, and the grayscale version is **31.1110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7810, 0.4000, 0.3272**, and **13.8215, 0.5442, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **27.7686, 0.5353, 0.3239**, and if you desaturate by 10%, it is **39.4202, 0.4434, 0.3243**.

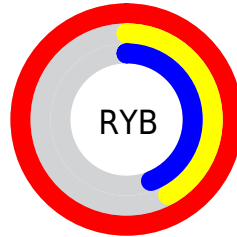
Distribution



Red (100%)

Green (42%)

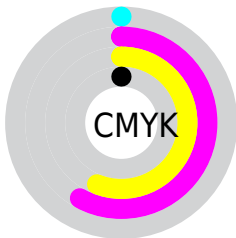
Blue (44%)



Red (100%)

Yellow (42%)

Blue (44%)

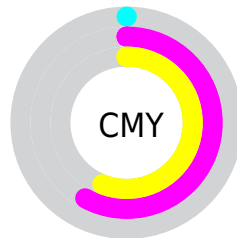


Cyan (0%)

Magenta (58%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7379, 0.4878, 0.3238 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 32.7379, 0.4878, 0.3238 by changing the saturation by 10% instead.

 32.7379, 0.4878,
0.3238


 32.7379, 0.4878,
0.3238


314.4670, 0.3950,
0.3317


 21.9257, 0.5119,
0.3199


 63.9661, 0.4532,
0.3281

 13.8023, 0.5431,
0.3137


 85.1509, 0.4404,
0.3292

 7.9833, 0.5843,
0.3033


 110.5621, 0.4297,
0.3301

 4.0843, 0.6401,
0.2849

 140.5840, 0.4207,
0.3306

 1.7208, 0.7406,
0.2594

175.6011, 0.4129,
0.3310

 0.4371, 0.8362,
0.1638

215.9977, 0.4061,


 0.0000, 1.0000,

0.3313


0.0000

262.1582, 0.4002,
0.3315


 0.0000, 0.0000,
0.0000

 32.7379, 0.4878,
0.3238


 32.7379, 0.4878,
0.3238

 27.7686, 0.5353,
0.3239


 39.4202, 0.4434,
0.3243


 24.3525, 0.5803,
0.3248

 47.9477, 0.4050,
0.3251

 22.3075, 0.6154,
0.3265

 58.4447, 0.3732,
0.3261

 21.3790, 0.6353,
0.3284

 71.0232, 0.3474,
0.3272

 21.2825, 0.6372,
0.3284

 85.7873, 0.3268,
0.3282

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.



32.7379, 0.4117, 0.2627



32.7379, 0.4878, 0.3238



32.7379, 0.5028, 0.3910

Triad

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



32.7379, 0.4878, 0.3238



32.7379, 0.2908, 0.4951



32.7379, 0.1718, 0.1907

Complementary

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



32.7379, 0.4878, 0.3238



81.4247, 0.2425, 0.3358

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.



32.7379, 0.1515, 0.2231



32.7379, 0.4878, 0.3238



32.7379, 0.2109, 0.4045

Square

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



32.7379, 0.4878, 0.3238



32.7379, 0.3815, 0.5078



32.7379, 0.1632, 0.2959



32.7379, 0.2245, 0.1899

Rectangle

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



32.7379, 0.4878, 0.3238



32.7379, 0.4792, 0.4369



32.7379, 0.1632, 0.2959



32.7379, 0.1615, 0.1976

Sweetspot

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



32.7394, 0.4878, 0.3238



71.6104, 0.3464, 0.3272



37.4039, 0.3123, 0.1892



14.4910, 0.3533, 0.3269



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.



32.7394, 0.4878, 0.3238



27.1331, 0.5427, 0.3240



52.2086, 0.4467, 0.3967



17.9989, 0.3288, 0.3281



11.1257, 0.6360, 0.3277



1.0872, 0.6265, 0.3225

Inverse Universe

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



32.7394, 0.4878, 0.3238



27.1331, 0.5427, 0.3240



46.2311, 0.2214, 0.2439



17.9989, 0.3288, 0.3281



11.1257, 0.6360, 0.3277



1.0872, 0.6265, 0.3225

Previews

White Background



This preview shows how the Yxy color 32.7379, 0.4878, 0.3238 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 32.7379, 0.4878, 0.3238 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 32.7379, 0.4878, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 32.7379, 0.4878, 0.3238.



This preview shows how white text looks on a background with the Yxy color 32.7379, 0.4878, 0.3238.

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

32.7379, 0.4878, 0.3238

Protanopia

32.9505, 0.3408, 0.3607

Deuteranopia

32.9539, 0.3972, 0.3902



Tritanopia

32.7603, 0.4866, 0.3228

Trichromacy



Original Color

32.7379, 0.4878, 0.3238

Protanomaly

31.1334, 0.3921, 0.3441

Deuteranomaly

31.7067, 0.4315, 0.3604

Tritanomaly

32.7603, 0.4866, 0.3228

Monochromacy



Original Color

32.7379, 0.4878, 0.3238

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9529, 0.3723, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7379, 0.4878, 0.3238 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, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 112)  
}
```

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, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.7379, 0.4878, 0.3238 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, 106, 112) }
```

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

```
.border{ border-color:rgb(255, 106, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7379, 0.4878, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 112) }
```

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

```
.background{ background-color: rgb(255,  
106, 112) }
```

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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