

Converting Colors

$Y_{xy}(33.5070, 0.4782, 0.3227)$

Have a look what the booklet for
Yxy(33.5070, 0.4782, 0.3227)
contains.

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Color

Yxy(33.5070, 0.4782, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	FE6E75
RGB	254, 110, 117
RGB Percent	100%, 43%, 46%
CMY	0.0040, 0.5685, 0.5413
CMYK	0.00, 0.57, 0.54, 0.00
HSL	357°, 99%, 71%
HSV	357°, 57%, 100%
XYZ	49.6531, 33.5070, 20.6732
YIQ	153.8540, 83.5770, 32.7050

Conversions

Conversions Part 2

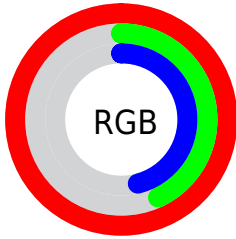
Format	Color
R_{YB}	254, 110, 117
Decimal	16674421
CIE Lab	64.57, 55.41, 23.96
CIE LCh	65, 60.369, 23.386
Yxy	33.5070, 0.4782, 0.3227
Android (android.graphics.Color)	4294864501 (0xFFFE6E75)
YUV	153.8540, -18.1690, 87.8280
Hunter-Lab	57.8852, 51.8154, 19.3448

Details

The Yxy color **33.5070, 0.4782, 0.3227** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.9041, 0.2443, 0.3369**, and the grayscale version is **32.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3970, 0.3936, 0.3261**, and **14.2745, 0.5301, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **28.2928, 0.5252, 0.3226**, and if you desaturate by 10%, it is **40.4417, 0.4351, 0.3234**.

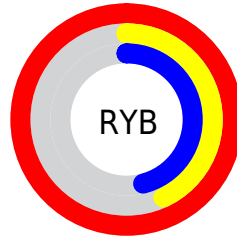
Distribution



Red (100%)

Green (43%)

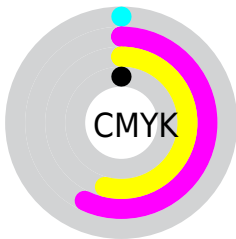
Blue (46%)



Red (100%)

Yellow (43%)

Blue (46%)

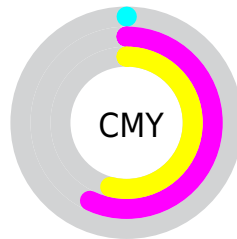


Cyan (0%)

Magenta (57%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5070, 0.4782, 0.3227 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 33.5070, 0.4782, 0.3227 by changing the saturation by 10% instead.


 33.5070, 0.4782,
0.3227


 33.5070, 0.4782,
0.3227


317.9282, 0.3906,
0.3305


 22.5151, 0.5010,
0.3191


 65.1663, 0.4455,
0.3267

 14.2359, 0.5306,
0.3133


 86.6025, 0.4335,
0.3279

 8.2849, 0.5699,
0.3039


 112.2889, 0.4234,
0.3287

 4.2778, 0.6237,
0.2874

142.6099, 0.4149,
0.3293

 1.8301, 0.7229,
0.2653

177.9500, 0.4075,
0.3298

 0.5059, 0.8180,
0.1820

218.6934, 0.4011,


 0.0000, 1.0000,


0.3301


0.0000

265.2247, 0.3956,
0.3303


 0.0000, 0.0000,
0.0000

 33.5070, 0.4782,
0.3227


 33.5070, 0.4782,
0.3227

 28.2928, 0.5252,
0.3226


 40.4417, 0.4351,
0.3234

 24.6439, 0.5710,
0.3235


 49.2238, 0.3982,
0.3245


 22.3868, 0.6087,
0.3253

 59.9742, 0.3678,
0.3257

 21.3015, 0.6320,
0.3277

 72.8023, 0.3432,
0.3270

 21.0940, 0.6366,
0.3281

 87.8094, 0.3236,
0.3282

99.8068, 0.3121,
0.3290

Harmonies

Analogous

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



33.5070, 0.4041, 0.2636



33.5070, 0.4782, 0.3227



33.5070, 0.4956, 0.3878

Triad

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



33.5070, 0.4782, 0.3227



33.5070, 0.2956, 0.4882



33.5070, 0.1757, 0.1965

Complementary

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



33.5070, 0.4782, 0.3227



80.9041, 0.2443, 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.



33.5070, 0.1571, 0.2295



33.5070, 0.4782, 0.3227



33.5070, 0.2178, 0.4046

Square

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



33.5070, 0.4782, 0.3227



33.5070, 0.3828, 0.4991



33.5070, 0.1700, 0.3013



33.5070, 0.2258, 0.1945

Rectangle

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



33.5070, 0.4782, 0.3227



33.5070, 0.4747, 0.4318



33.5070, 0.1700, 0.3013



33.5070, 0.1661, 0.2037

Sweetspot

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



33.5088, 0.4782, 0.3227



73.0141, 0.3439, 0.3270



38.0469, 0.3124, 0.1925



15.0372, 0.3485, 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.



33.5088, 0.4782, 0.3227



27.9721, 0.5315, 0.3227



52.7779, 0.4415, 0.3951



18.0013, 0.3287, 0.3279



11.1290, 0.6352, 0.3273



1.0884, 0.6238, 0.3210

Inverse Universe

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



33.5088, 0.4782, 0.3227



27.9721, 0.5315, 0.3227



46.9532, 0.2239, 0.2470



18.0013, 0.3287, 0.3279



11.1290, 0.6352, 0.3273



1.0884, 0.6238, 0.3210

Previews

White Background



This preview shows how the Yxy color 33.5070, 0.4782, 0.3227 looks on a white background.

Color Contrast Check

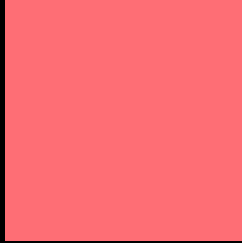
Large Text (above 18pt) WCAG AA × Fail

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 33.5070, 0.4782, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

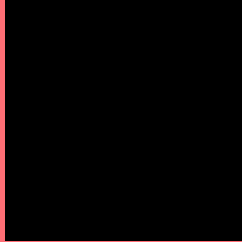
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.5070, 0.4782, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 33.5070, 0.4782, 0.3227.



This preview shows how white text looks on a background with the Yxy color 33.5070, 0.4782, 0.3227.

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

33.5070, 0.4782, 0.3227

Protanopia

33.5335, 0.3367, 0.3544

Deuteranopia

33.5033, 0.3927, 0.3845



Tritanopia

33.5070, 0.4782, 0.3227

Trichromacy



Original Color

33.5070, 0.4782, 0.3227

Protanomaly

31.9742, 0.3865, 0.3399

Deuteranomaly

32.3691, 0.4245, 0.3568

Tritanomaly

33.5070, 0.4782, 0.3227

Monochromacy



Original Color

33.5070, 0.4782, 0.3227

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.0472, 0.3678, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5070, 0.4782, 0.3227 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(254, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(254, 110, 117)  
}
```

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(254, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 110, 117) }
```

Border

The CSS property to change the border of an element to Yxy 33.5070, 0.4782, 0.3227 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(254, 110, 117) }
```

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

```
.border{ border-color:rgb(254, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(254, 110,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5070, 0.4782, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 110, 117) }
```

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

```
.background{ background-color: rgb(254,  
110, 117) }
```

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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