

Converting Colors

$Y_{xy}(32.7052, 0.4610, 0.3011)$

Have a look what the booklet for
Yxy(32.7052, 0.4610, 0.3011)
contains.

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Color

Yxy(32.6649, 0.4610, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	FE6885
RGB	254, 104, 133
RGB Percent	100%, 41%, 52%
CMY	0.0039, 0.5922, 0.4783
CMYK	0.00, 0.59, 0.48, 0.00
HSL	348°, 99%, 70%
HSV	348°, 59%, 100%
XYZ	50.0616, 32.6649, 25.8670
YIQ	152.1560, 80.0910, 40.8190

Conversions

Conversions Part 2

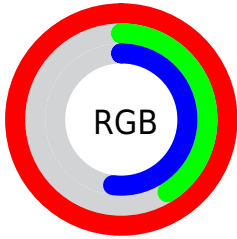
Format	Color
R_{YB}	254, 104, 133
Decimal	16672901
CIE _{Lab}	63.89, 59.45, 13.87
CIE _{LCh}	64, 61.042, 13.135
Yxy	32.6649, 0.4610, 0.3008
Android (android.graphics.Color)	4294862981 (0xFFFE6885)
YUV	152.1560, -9.4439, 89.3172
Hunter-Lab	57.1532, 56.3333, 13.1732

Details

The Yxy color **32.6649, 0.4610, 0.3008** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.2681, 0.2515, 0.3642**, and the grayscale version is **31.4867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9468, 0.3789, 0.3020**, and **13.7233, 0.5083, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **27.7884, 0.5022, 0.2995**, and if you desaturate by 10%, it is **39.1948, 0.4236, 0.3043**.

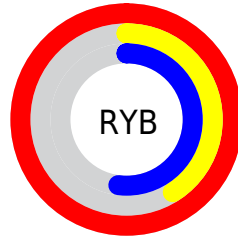
Distribution



Red (100%)

Green (41%)

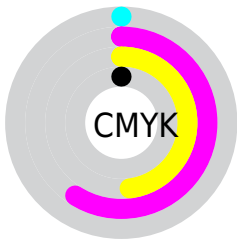
Blue (52%)



Red (100%)

Yellow (41%)

Blue (52%)

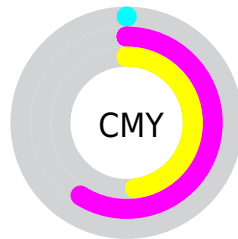


Cyan (0%)

Magenta (59%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6649, 0.4610, 0.3008 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 32.6649, 0.4610, 0.3008 by changing the saturation by 10% instead.


 32.6649, 0.4610,
0.3008


 32.6649, 0.4610,
0.3008


314.1370, 0.3822,
0.3182


 21.8699, 0.4818,
0.2953


 63.8520, 0.4314,
0.3079


 13.7613, 0.5091,
0.2877


 85.0129, 0.4206,
0.3104

 7.9548, 0.5462,
0.2763


 110.3978, 0.4116,
0.3123

 4.0661, 0.5985,
0.2584

 140.3911, 0.4039,
0.3139

 1.7106, 0.6776,
0.2284

175.3773, 0.3973,
0.3153

 0.4305, 0.8438,
0.1562

215.7408, 0.3916,

 0.0000, 1.0000,

0.3164

0.0000

261.8659, 0.3866,
0.3174

■ 0.0000, 0.0000,
0.0000

■ 32.6649, 0.4610,
0.3008

■ 32.6649, 0.4610,
0.3008

■ 27.7884, 0.5022,
0.2995

■ 39.1948, 0.4236,
0.3043

■ 24.4104, 0.5442,
0.3013

■ 47.5039, 0.3916,
0.3090

■ 22.3559, 0.5819,
0.3065

■ 57.7121, 0.3649,
0.3142

■ 21.3646, 0.6108,
0.3144

■ 69.9273, 0.3432,
0.3195

■ 21.2960, 0.6131,
0.3151

■ 84.2491, 0.3257,
0.3246

99.8129, 0.3121,
0.3290

Harmonies

Analogous

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



32.6649, 0.3722, 0.2447



32.6649, 0.4610, 0.3008



32.6649, 0.5001, 0.3653

Triad

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



32.6649, 0.4610, 0.3008



32.6649, 0.3254, 0.5045



32.6649, 0.1637, 0.2018

Complementary

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



32.6649, 0.4610, 0.3008



79.2681, 0.2515, 0.3642

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.



32.6649, 0.1554, 0.2478



32.6649, 0.4610, 0.3008



32.6649, 0.2403, 0.4416

Square

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



32.6649, 0.4610, 0.3008



32.6649, 0.4118, 0.4902



32.6649, 0.1800, 0.3344



32.6649, 0.2033, 0.1899

Rectangle

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



32.6649, 0.4610, 0.3008



32.6649, 0.4912, 0.4101



32.6649, 0.1800, 0.3344



32.6649, 0.1575, 0.2129

Sweetspot

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



32.6667, 0.4610, 0.3008



71.9711, 0.3412, 0.3201



32.9045, 0.2915, 0.1790



14.5771, 0.3469, 0.3185



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.



32.6667, 0.4610, 0.3008



27.2548, 0.5105, 0.2996



43.5670, 0.4652, 0.3745



18.0445, 0.3264, 0.3244



11.2425, 0.6097, 0.3132



1.1090, 0.5802, 0.2970

Inverse Universe

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



32.6667, 0.4610, 0.3008



27.2548, 0.5105, 0.2996



55.7030, 0.2273, 0.2728



18.0445, 0.3264, 0.3244



11.2425, 0.6097, 0.3132



1.1090, 0.5802, 0.2970

Previews

White Background



This preview shows how the Yxy color 32.6649, 0.4610, 0.3008 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 32.6649, 0.4610, 0.3008 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 32.6649, 0.4610, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 32.6649, 0.4610, 0.3008.



This preview shows how white text looks on a background with the Yxy color 32.6649, 0.4610, 0.3008.

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

32.6649, 0.4610, 0.3008

Protanopia

32.8174, 0.3102, 0.3200

Deuteranopia

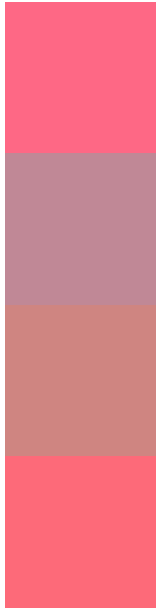
32.7045, 0.3690, 0.3620



Tritanopia

32.6129, 0.4829, 0.3227

Trichromacy



Original Color

32.6649, 0.4610, 0.3008

Protanomaly

31.0168, 0.3605, 0.3102

Deuteranomaly

31.6254, 0.4027, 0.3344

Tritanomaly

32.5712, 0.4747, 0.3148

Monochromacy



Original Color

32.6649, 0.4610, 0.3008

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.1911, 0.3631, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6649, 0.4610, 0.3008 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, 104, 133)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 133)  
}
```

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, 104, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.6649, 0.4610, 0.3008 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, 104, 133) }
```

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

```
.border{ border-color:rgb(254, 104, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 104, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 133);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6649, 0.4610, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 104, 133) }
```

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

```
.background{ background-color: rgb(254,  
104, 133) }
```

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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