

Converting Colors

$Y_{xy}(32.4980, 0.4340, 0.2982)$

Have a look what the booklet for
Yxy(32.4980, 0.4340, 0.2982)
contains.

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Color

Yxy(32.4186, 0.4336, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	F2708E
RGB	242, 112, 142
RGB Percent	95%, 44%, 56%
CMY	0.0510, 0.5608, 0.4430
CMYK	0.00, 0.54, 0.41, 0.05
HSL	346°, 83%, 69%
HSV	346°, 54%, 95%
XYZ	47.2971, 32.4186, 29.3644
YIQ	154.2900, 67.8500, 36.8900

Conversions

Conversions Part 2

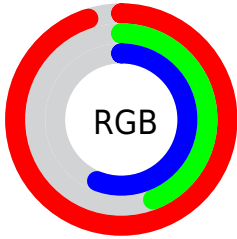
Format	Color
RYB	242, 112, 142
Decimal	15888526
CIELab	63.69, 52.74, 8.18
CIELCh	64, 53.369, 8.812
Yxy	32.4186, 0.4336, 0.2972
Android (android.graphics.Color)	4294078606 (0xFFFF2708E)
YUV	154.2900, -6.0590, 76.9217
Hunter-Lab	56.9373, 48.6374, 9.2784

Details

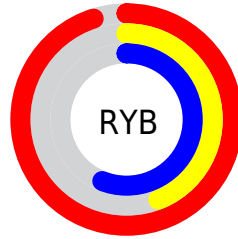
The Yxy color **32.4186, 0.4336, 0.2972** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **71.7044, 0.2574, 0.3668**, and the grayscale version is **32.4550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8830, 0.3675, 0.2989**, and **13.6440, 0.4737, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **27.2652, 0.4709, 0.2938**, and if you desaturate by 10%, it is **39.1035, 0.4010, 0.3024**.

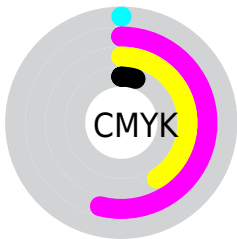
Distribution



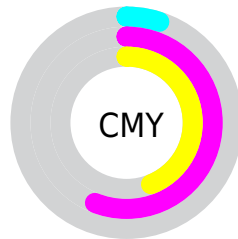
- Red (95%)
- Green (44%)
- Blue (56%)



- Red (95%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4186, 0.4336, 0.2972 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 32.4186, 0.4336, 0.2972 by changing the saturation by 10% instead.


 32.4186, 0.4336,
0.2972


 32.4186, 0.4336,
0.2972


313.0217, 0.3693,
0.3153


 21.6814, 0.4508,
0.2919


 63.4667, 0.4094,
0.3043

 13.6230, 0.4735,
0.2847


 84.5465, 0.4005,
0.3068

 7.8589, 0.5046,
0.2743


 109.8426, 0.3932,
0.3089

 4.0048, 0.5497,
0.2583

139.7394, 0.3869,
0.3106

 1.6763, 0.6192,
0.2313

174.6213, 0.3816,
0.3121

 0.4082, 0.8291,
0.1709

214.8728, 0.3770,

 0.0000, 1.0000,

0.3133

0.0000

260.8781, 0.3729,
0.3144

■ 0.0000, 0.0000,
0.0000

■ 32.4186, 0.4336,
0.2972

■ 32.4186, 0.4336,
0.2972

■ 27.2652, 0.4709,
0.2938

■ 39.1035, 0.4010,
0.3024

■ 23.5157, 0.5110,
0.2933

■ 47.4239, 0.3735,
0.3084

■ 21.0304, 0.5506,
0.2965

■ 57.4805, 0.3508,
0.3148

■ 19.6375, 0.5850,
0.3037

■ 69.3645, 0.3324,
0.3210

■ 19.1625, 0.6026,
0.3093

■ 83.1606, 0.3175,
0.3269

97.5342, 0.3055,
0.3303

97.6181, 0.3048,
0.3290

Harmonies

Analogous

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



32.4186, 0.3529, 0.2475



32.4186, 0.4336, 0.2972



32.4186, 0.4765, 0.3558

Triad

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



32.4186, 0.4336, 0.2972



32.4186, 0.3380, 0.4835



32.4186, 0.1756, 0.2197

Complementary

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



32.4186, 0.4336, 0.2972



71.7044, 0.2574, 0.3668

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.



32.4186, 0.1726, 0.2675



32.4186, 0.4336, 0.2972



32.4186, 0.2600, 0.4375

Square

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



32.4186, 0.4336, 0.2972



32.4186, 0.4134, 0.4675



32.4186, 0.2007, 0.3483



32.4186, 0.2079, 0.2039

Rectangle

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



32.4186, 0.4336, 0.2972



32.4186, 0.4752, 0.3964



32.4186, 0.2007, 0.3483



32.4186, 0.1713, 0.2318

Sweetspot

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



32.4203, 0.4336, 0.2972



74.8158, 0.3364, 0.3196



31.9478, 0.2902, 0.1897



15.4071, 0.3400, 0.3183



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.



32.4203, 0.4336, 0.2972



30.4777, 0.4727, 0.2937



40.8124, 0.4485, 0.3666



15.8186, 0.3257, 0.3236



10.3111, 0.5987, 0.3072



0.8726, 0.5623, 0.2871

Inverse Universe

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



32.4203, 0.4336, 0.2972



30.4777, 0.4727, 0.2937



54.6450, 0.2350, 0.2847



15.8186, 0.3257, 0.3236



10.3111, 0.5987, 0.3072



0.8726, 0.5623, 0.2871

Previews

White Background



This preview shows how the Yxy color 32.4186, 0.4336, 0.2972 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 32.4186, 0.4336, 0.2972 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 32.4186, 0.4336, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 32.4186, 0.4336, 0.2972.



This preview shows how white text looks on a background with the Yxy color 32.4186, 0.4336, 0.2972.

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

32.4186, 0.4336, 0.2972

Protanopia

32.6978, 0.3028, 0.3126

Deuteranopia

32.5026, 0.3543, 0.3479



Tritanopia

32.3923, 0.4555, 0.3209

Trichromacy



Original Color

32.4186, 0.4336, 0.2972

Protanomaly

31.3387, 0.3454, 0.3043

Deuteranomaly

31.7227, 0.3831, 0.3266

Tritanomaly

32.3471, 0.4472, 0.3123

Monochromacy



Original Color

32.4186, 0.4336, 0.2972

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.1063, 0.3530, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4186, 0.4336, 0.2972 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(242, 112, 142)` looks like.

```
.text, #text, p{  
    color:rgb(242, 112, 142)  
}
```

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(242, 112, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 112, 142) }
```

Border

The CSS property to change the border of an element to Yxy 32.4186, 0.4336, 0.2972 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(242, 112, 142) }
```

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

```
.border{ border-color:rgb(242, 112, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 112, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 112, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 112, 142);  
box-shadow:4px 4px 4px 4px rgb(242, 112,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4186, 0.4336, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 112, 142) }
```

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

```
.background{ background-color: rgb(242,  
112, 142) }
```

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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