

Converting Colors

$Y_{xy}(32.7304, 0.3997, 0.2619)$

Have a look what the booklet for
Yxy(32.7304, 0.3997, 0.2619)
contains.

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Color

Yxy(32.6888, 0.3999, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	F46BAB
RGB	244, 107, 171
RGB Percent	96%, 42%, 67%
CMY	0.0432, 0.5803, 0.3294
CMYK	0.00, 0.56, 0.30, 0.04
HSL	332°, 86%, 69%
HSV	332°, 56%, 96%
XYZ	49.9131, 32.6888, 42.2121
YIQ	155.2590, 61.1080, 48.9480

Conversions

Conversions Part 2

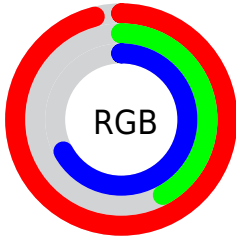
Format	Color
R_{YB}	244, 107, 171
Decimal	16018347
CIE Lab	63.91, 58.96, -8.06
CIE LCh	64, 59.510, 352.216
Yxy	32.6888, 0.3999, 0.2619
Android (android.graphics.Color)	4294208427 (0xFFFF46BAB)
YUV	155.2590, 7.7603, 77.8259
Hunter-Lab	57.1741, 55.7762, -3.7524

Details

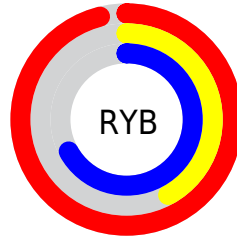
The Yxy color **32.6888, 0.3999, 0.2619** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **71.1136, 0.2709, 0.4130**, and the grayscale version is **32.8468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9454, 0.3410, 0.2653**, and **13.7189, 0.4264, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **27.8280, 0.4245, 0.2538**, and if you desaturate by 10%, it is **39.0365, 0.3780, 0.2726**.

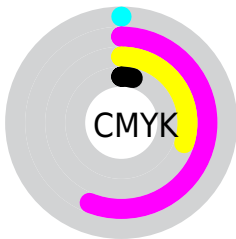
Distribution



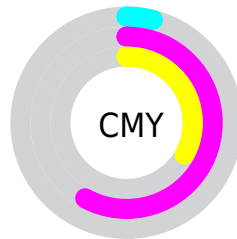
- Red (96%)
- Green (42%)
- Blue (67%)



- Red (96%)
- Yellow (42%)
- Blue (67%)



- Cyan (0%)
- Magenta (56%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6888, 0.3999, 0.2619 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 32.6888, 0.3999, 0.2619 by changing the saturation by 10% instead.

 32.6888, 0.3999,
0.2619


 32.6888, 0.3999,
0.2619


314.2451, 0.3547,
0.2958


 21.8882, 0.4116,
0.2534


 63.8894, 0.3831,
0.2743

 13.7747, 0.4270,
0.2424


 85.0581, 0.3769,
0.2789

 7.9642, 0.4478,
0.2278


 110.4516, 0.3717,
0.2828

 4.0720, 0.4775,
0.2075

 140.4543, 0.3673,
0.2862

 1.7139, 0.5230,
0.1778

175.4506, 0.3635,
0.2891

 0.4327, 0.6110,
0.1146

215.8249, 0.3602,

 0.0000, 1.0000,

0.2916

0.0000

261.9616, 0.3573,
0.2939

■ 0.0000, 0.0000,
0.0000

■ 32.6888, 0.3999,
0.2619

■ 32.6888, 0.3999,
0.2619

■ 27.8280, 0.4245,
0.2538

■ 39.0365, 0.3780,
0.2726

■ 24.3236, 0.4510,
0.2496

■ 46.9773, 0.3590,
0.2847

■ 22.0306, 0.4780,
0.2505


■ 56.6132, 0.3430,
0.2974

■ 20.7671, 0.5040,
0.2570

■ 68.0363, 0.3296,
0.3099

■ 20.4449, 0.5137,
0.2604

■ 81.3320, 0.3185,
0.3220

 96.5800, 0.3094,
0.3333

 97.9702, 0.3060,
0.3290

Harmonies

Analogous

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



32.6888, 0.3035, 0.2175



32.6888, 0.3999, 0.2619



32.6888, 0.4753, 0.3204

Triad

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



32.6888, 0.3999, 0.2619



32.6888, 0.3858, 0.4972



32.6888, 0.1577, 0.2322

Complementary

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



32.6888, 0.3999, 0.2619



71.1136, 0.2709, 0.4130

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.



32.6888, 0.1719, 0.3051



32.6888, 0.3999, 0.2619



32.6888, 0.2992, 0.4890

Square

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



32.6888, 0.3999, 0.2619



32.6888, 0.4584, 0.4499



32.6888, 0.2209, 0.4082



32.6888, 0.1751, 0.1978

Rectangle

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



32.6888, 0.3999, 0.2619



32.6888, 0.4954, 0.3632



32.6888, 0.2209, 0.4082



32.6888, 0.1588, 0.2520

Sweetspot

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



32.6905, 0.3999, 0.2619



73.9929, 0.3307, 0.3088



26.4898, 0.2574, 0.1709



15.2662, 0.3333, 0.3063



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.



32.6905, 0.3999, 0.2619



30.3033, 0.4271, 0.2532



31.2941, 0.4820, 0.3318



16.6114, 0.3220, 0.3180



11.1456, 0.5099, 0.2583



1.0002, 0.4801, 0.2418

Inverse Universe

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



32.6905, 0.3999, 0.2619



30.3033, 0.4271, 0.2532



72.9841, 0.2415, 0.3260



16.6114, 0.3220, 0.3180



11.1456, 0.5099, 0.2583



1.0002, 0.4801, 0.2418

Previews

White Background



This preview shows how the Yxy color 32.6888, 0.3999, 0.2619 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 32.6888, 0.3999, 0.2619 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 32.6888, 0.3999, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 32.6888, 0.3999, 0.2619.



This preview shows how white text looks on a background with the Yxy color 32.6888, 0.3999, 0.2619.

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

32.6888, 0.3999, 0.2619

Protanopia

33.1263, 0.2627, 0.2608

Deuteranopia

32.9205, 0.3156, 0.3102



Tritanopia

32.7285, 0.4509, 0.3208

Trichromacy



Original Color

32.6888, 0.3999, 0.2619



Protanomaly

31.2366, 0.3039, 0.2570



Deuteranomaly

31.5873, 0.3440, 0.2868



Tritanomaly

32.4640, 0.4322, 0.2981

Monochromacy



Original Color

32.6888, 0.3999, 0.2619



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

31.3150, 0.3424, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6888, 0.3999, 0.2619 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(244, 107, 171)` looks like.

```
.text, #text, p{  
    color:rgb(244, 107, 171)  
}
```

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(244, 107, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 107, 171) }
```

Border

The CSS property to change the border of an element to Yxy 32.6888, 0.3999, 0.2619 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(244, 107, 171) }
```

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

```
.border{ border-color:rgb(244, 107, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 107, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(244, 107,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6888, 0.3999, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 107, 171) }
```

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

```
.background{ background-color: rgb(244,  
107, 171) }
```

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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