

Converting Colors

$Y_{xy}(32.1509, 0.3982, 0.2571)$

Have a look what the booklet for
Yxy(32.1509, 0.3982, 0.2571)
contains.

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Color

Yxy(32.1509, 0.3982, 0.2571)

Conversions

Conversions Part 1

Format	Color
Hex	F468AD
RGB	244, 104, 173
RGB Percent	96%, 41%, 68%
CMY	0.0432, 0.5921, 0.3217
CMYK	0.00, 0.57, 0.29, 0.04
HSL	330°, 86%, 68%
HSV	330°, 57%, 96%
XYZ	49.7958, 32.1509, 43.1055
YIQ	153.7260, 61.2910, 51.1390

Conversions

Conversions Part 2

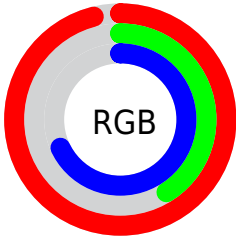
Format	Color
RYB	244, 104, 173
Decimal	16017581
CIELab	63.47, 60.55, -9.84
CIElCh	63, 61.340, 350.767
Yxy	32.1509, 0.3982, 0.2571
Android (android.graphics.Color)	4294207661 (0xFFFF468AD)
YUV	153.7260, 9.5021, 79.1703
Hunter-Lab	56.7018, 57.5314, -5.3818

Details

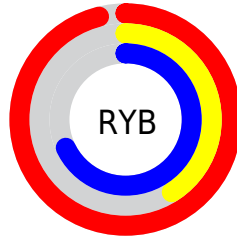
The Yxy color **32.1509, 0.3982, 0.2571** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **70.7332, 0.2721, 0.4202**, and the grayscale version is **32.1293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0030, 0.3396, 0.2604**, and **13.4476, 0.4237, 0.2359** is the 20% darker color. If you saturate the color by 10%, you get **27.4724, 0.4216, 0.2488**, and if you desaturate by 10%, it is **38.2975, 0.3772, 0.2682**.

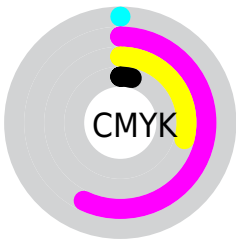
Distribution



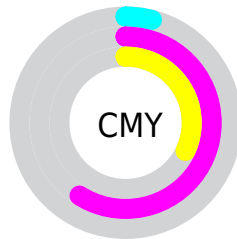
- Red (96%)
- Green (41%)
- Blue (68%)



- Red (96%)
- Yellow (41%)
- Blue (68%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1509, 0.3982, 0.2571 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 32.1509, 0.3982, 0.2571 by changing the saturation by 10% instead.

 32.1509, 0.3982,
0.2571


 32.1509, 0.3982,
0.2571


311.8061, 0.3540,
0.2933


 21.4768, 0.4097,
0.2481


 63.0476, 0.3818,
0.2703


 13.4730, 0.4246,
0.2365


 84.0389, 0.3758,
0.2752

 7.7550, 0.4448,
0.2211


 109.2381, 0.3707,
0.2794

 3.9386, 0.4737,
0.1999

 139.0296, 0.3663,
0.2830

 1.6393, 0.5176,
0.1691

173.7978, 0.3626,
0.2861

 0.3839, 0.6049,
0.1013

213.9270, 0.3594,

 0.0000, 1.0000,

0.2888

0.0000

259.8016, 0.3565,
0.2912

■ 0.0000, 0.0000,
0.0000

■ 32.1509, 0.3982,
0.2571

■ 32.1509, 0.3982,
0.2571

■ 27.4724, 0.4216,
0.2488

■ 38.2975, 0.3772,
0.2682

■ 24.1297, 0.4466,
0.2447

■ 46.0199, 0.3589,
0.2808

■ 21.9747, 0.4720,
0.2457

■ 55.4210, 0.3434,
0.2941

■ 20.8118, 0.4965,
0.2521

■ 66.5936, 0.3303,
0.3073

■ 20.5914, 0.5028,
0.2543

■ 79.6237, 0.3195,
0.3201

■ 94.5916, 0.3105,
0.3321

■ 97.9704, 0.3060,
0.3290

Harmonies

Analogous

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



32.1509, 0.2984, 0.2126



32.1509, 0.3982, 0.2571



32.1509, 0.4785, 0.3164

Triad

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



32.1509, 0.3982, 0.2571



32.1509, 0.3914, 0.5013



32.1509, 0.1533, 0.2313

Complementary

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



32.1509, 0.3982, 0.2571



70.7332, 0.2721, 0.4202

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.



32.1509, 0.1692, 0.3084



32.1509, 0.3982, 0.2571



32.1509, 0.3024, 0.4979

Square

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



32.1509, 0.3982, 0.2571



32.1509, 0.4653, 0.4496



32.1509, 0.2209, 0.4165



32.1509, 0.1696, 0.1947

Rectangle

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



32.1509, 0.3982, 0.2571



32.1509, 0.5011, 0.3600



32.1509, 0.2209, 0.4165



32.1509, 0.1549, 0.2523

Sweetspot

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



32.1525, 0.3982, 0.2571



74.0558, 0.3299, 0.3077



25.4358, 0.2538, 0.1667



15.2810, 0.3324, 0.3051



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.



32.1525, 0.3982, 0.2571



29.6026, 0.4260, 0.2478



30.1362, 0.4894, 0.3295



16.6186, 0.3216, 0.3174



11.2255, 0.4992, 0.2523



1.0073, 0.4708, 0.2367

Inverse Universe

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



32.1525, 0.3982, 0.2571



29.6026, 0.4260, 0.2478



74.1676, 0.2411, 0.3288



16.6186, 0.3216, 0.3174



11.2255, 0.4992, 0.2523



1.0073, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 32.1509, 0.3982, 0.2571 looks on a white background.

Color Contrast Check

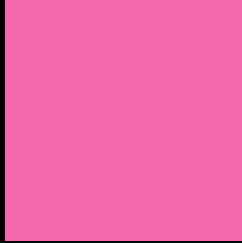
Large Text (above 18pt) WCAG AA × Fail

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 32.1509, 0.3982, 0.2571 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 32.1509, 0.3982, 0.2571

Background



This preview shows how black text looks on a background with the Yxy color 32.1509, 0.3982, 0.2571.



This preview shows how white text looks on a background with the Yxy color 32.1509, 0.3982, 0.2571.

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

32.1509, 0.3982, 0.2571

Protanopia

32.4017, 0.2573, 0.2525

Deuteranopia

32.4584, 0.3118, 0.3058



Tritanopia

32.2168, 0.4545, 0.3209

Trichromacy



Original Color

32.1509, 0.3982, 0.2571



Protanomaly

30.5701, 0.2992, 0.2503



Deuteranomaly

30.9771, 0.3411, 0.2815



Tritanomaly

31.9927, 0.4344, 0.2971

Monochromacy



Original Color

32.1509, 0.3982, 0.2571



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.7463, 0.3428, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1509, 0.3982, 0.2571 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, 104, 173)` looks like.

```
.text, #text, p{  
    color:rgb(244, 104, 173)  
}
```

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, 104, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 104, 173) }
```

Border

The CSS property to change the border of an element to Yxy 32.1509, 0.3982, 0.2571 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, 104, 173) }
```

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

```
.border{ border-color:rgb(244, 104, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 104, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 104, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 104, 173);  
box-shadow:4px 4px 4px 4px rgb(244, 104,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1509, 0.3982, 0.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 104, 173) }
```

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

```
.background{ background-color: rgb(244,  
104, 173) }
```

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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