

Converting Colors

$Y_{xy}(32.0251, 0.4227, 0.2872)$

Have a look what the booklet for
Yxy(32.0251, 0.4227, 0.2872)
contains.

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Color

Yxy(32.0962, 0.4216, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	F06F96
RGB	240, 111, 150
RGB Percent	94%, 44%, 59%
CMY	0.0587, 0.5648, 0.4118
CMYK	0.00, 0.54, 0.38, 0.06
HSL	342°, 81%, 69%
HSV	342°, 54%, 94%
XYZ	47.1326, 32.0962, 32.5657
YIQ	154.0170, 64.3650, 39.4770

Conversions

Conversions Part 2

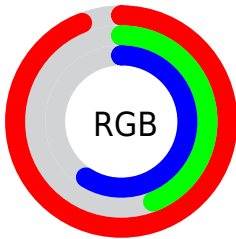
Format	Color
R _Y B	240, 111, 150
Decimal	15757206
CIE Lab	63.42, 53.42, 3.18
CIE LCh	63, 53.516, 3.411
Yxy	32.0962, 0.4216, 0.2871
Android (android.graphics.Color)	4293947286 (0xFFFF06F96)
YUV	154.0170, -1.9804, 75.4071
Hunter-Lab	56.6535, 49.3584, 5.5762

Details

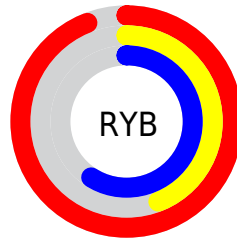
The Yxy color **32.0962, 0.4216, 0.2871** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **69.9344, 0.2617, 0.3792**, and the grayscale version is **32.3094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8921, 0.3603, 0.2898**, and **13.4325, 0.4577, 0.2734** is the 20% darker color. If you saturate the color by 10%, you get **27.0443, 0.4549, 0.2821**, and if you desaturate by 10%, it is **38.6353, 0.3925, 0.2941**.

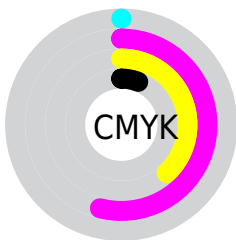
Distribution



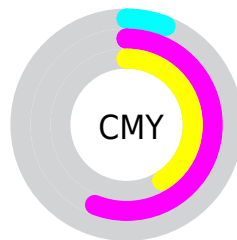
- Red (94%)
- Green (44%)
- Blue (59%)



- Red (94%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (54%)
- Yellow (38%)
- Black (6%)





- Cyan (6%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0962, 0.4216, 0.2871 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 32.0962, 0.4216, 0.2871 by changing the saturation by 10% instead.


 32.0962, 0.4216,
0.2871


 32.0962, 0.4216,
0.2871


311.5572, 0.3639,
0.3098


 21.4350, 0.4370,
0.2809


 62.9619, 0.3999,
0.2957

 13.4423, 0.4574,
0.2726


 83.9351, 0.3919,
0.2989

 7.7338, 0.4855,
0.2610


 109.1145, 0.3853,
0.3015

 3.9251, 0.5263,
0.2438

138.8844, 0.3797,
0.3036

 1.6318, 0.5900,
0.2162

173.6292, 0.3749,
0.3055

 0.3789, 0.7752,
0.1498

213.7334, 0.3707,

 0.0000, 1.0000,

0.3071


0.0000

259.5813, 0.3671,
0.3085


 0.0000, 0.0000,
0.0000

 32.0962, 0.4216,
0.2871

 32.0962, 0.4216,
0.2871


 27.0443, 0.4549,
0.2821


 38.6353, 0.3925,
0.2941


 23.3560, 0.4911,
0.2804


 46.7626, 0.3678,
0.3021


 20.8955, 0.5277,
0.2830

 56.5756, 0.3474,
0.3104

 19.4963, 0.5612,
0.2904

 68.1629, 0.3307,
0.3185

 19.0061, 0.5795,
0.2966

 81.6064, 0.3171,
0.3262

96.9826, 0.3061,
0.3334

97.2707, 0.3036,
0.3290

Harmonies

Analogous

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



32.0962, 0.3372, 0.2396



32.0962, 0.4216, 0.2871



32.0962, 0.4736, 0.3449

Triad

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



32.0962, 0.4216, 0.2871



32.0962, 0.3524, 0.4858



32.0962, 0.1722, 0.2252

Complementary

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



32.0962, 0.4216, 0.2871



69.9344, 0.2617, 0.3792

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.



32.0962, 0.1746, 0.2794



32.0962, 0.4216, 0.2871



32.0962, 0.2729, 0.4512

Square

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



32.0962, 0.4216, 0.2871



32.0962, 0.4257, 0.4606



32.0962, 0.2087, 0.3652



32.0962, 0.1993, 0.2040

Rectangle

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



32.0962, 0.4216, 0.2871



32.0962, 0.4788, 0.3856



32.0962, 0.2087, 0.3652



32.0962, 0.1696, 0.2394

Sweetspot

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



32.0979, 0.4216, 0.2871



74.9749, 0.3343, 0.3167



29.8230, 0.2801, 0.1856



15.4447, 0.3376, 0.3150



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.



32.0979, 0.4216, 0.2871



30.3213, 0.4600, 0.2817



36.9061, 0.4561, 0.3549



15.8375, 0.3246, 0.3219



10.4218, 0.5753, 0.2943



0.8840, 0.5380, 0.2737

Inverse Universe

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



32.0979, 0.4216, 0.2871



30.3213, 0.4600, 0.2817



58.9741, 0.2379, 0.2989



15.8375, 0.3246, 0.3219



10.4218, 0.5753, 0.2943



0.8840, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 32.0962, 0.4216, 0.2871 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 32.0962, 0.4216, 0.2871 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 32.0962, 0.4216, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 32.0962, 0.4216, 0.2871.

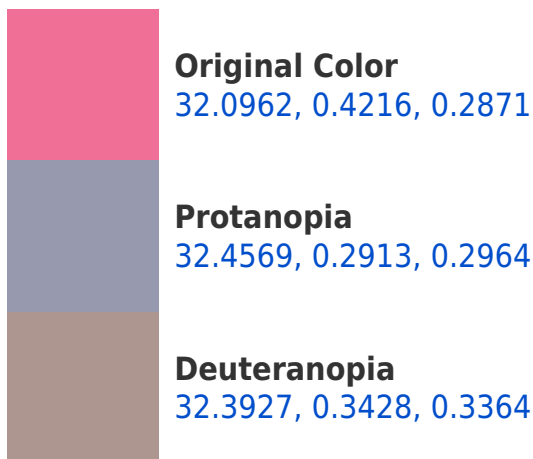


This preview shows how white text looks on a background with the Yxy color 32.0962, 0.4216, 0.2871.

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

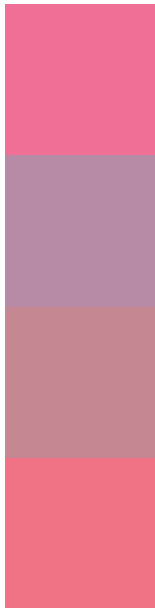




Tritanopia

32.1232, 0.4507, 0.3207

Trichromacy



Original Color

32.0962, 0.4216, 0.2871

Protanomaly

30.9974, 0.3328, 0.2905

Deuteranomaly

31.2736, 0.3709, 0.3145

Tritanomaly

32.0788, 0.4413, 0.3088

Monochromacy



Original Color

32.0962, 0.4216, 0.2871

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.7912, 0.3489, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0962, 0.4216, 0.2871 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(240, 111, 150)` looks like.

```
.text, #text, p{  
    color:rgb(240, 111, 150)  
}
```

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(240, 111, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 111, 150) }
```

Border

The CSS property to change the border of an element to Yxy 32.0962, 0.4216, 0.2871 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(240, 111, 150) }
```

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

```
.border{ border-color:rgb(240, 111, 150) }
```

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

Here you see how a box with a 4 pixel rgb(240, 111, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 111, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 111, 150);  
box-shadow:4px 4px 4px 4px rgb(240, 111,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0962, 0.4216, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 111, 150) }
```

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

```
.background{ background-color: rgb(240,  
111, 150) }
```

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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