

Converting Colors

$Y_{xy}(32.1040, 0.4268, 0.2810)$

Have a look what the booklet for
Yxy(32.1040, 0.4268, 0.2810)
contains.

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Color

Yxy(32.1679, 0.4271, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	F66A98
RGB	246, 106, 152
RGB Percent	96%, 42%, 60%
CMY	0.0351, 0.5845, 0.4039
CMYK	0.00, 0.57, 0.38, 0.04
HSL	340°, 89%, 69%
HSV	340°, 57%, 96%
XYZ	48.8408, 32.1679, 33.3458
YIQ	153.1040, 68.6740, 43.9860

Conversions

Conversions Part 2

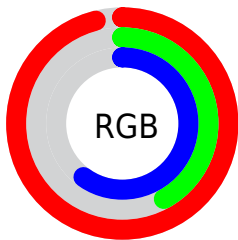
Format	Color
R _Y B	246, 106, 152
Decimal	16149144
CIE Lab	63.48, 57.89, 2.23
CIE LCh	63, 57.934, 2.203
Yxy	32.1679, 0.4271, 0.2813
Android (android.graphics.Color)	4294339224 (0xFF66A98)
YUV	153.1040, -0.5443, 81.4698
Hunter-Lab	56.7168, 54.4583, 4.8431

Details

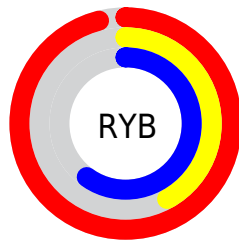
The Yxy color **32.1679, 0.4271, 0.2813** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **73.1726, 0.2615, 0.3878**, and the grayscale version is **31.8797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5569, 0.3593, 0.2837**, and **13.4926, 0.4655, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **27.3032, 0.4600, 0.2767**, and if you desaturate by 10%, it is **38.5655, 0.3979, 0.2884**.

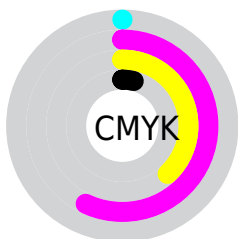
Distribution



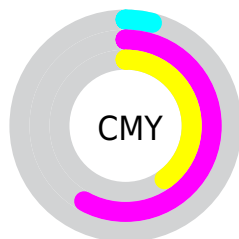
- Red (96%)
- Green (42%)
- Blue (60%)



- Red (96%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (57%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1679, 0.4271, 0.2813 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 32.1679, 0.4271, 0.2813 by changing the saturation by 10% instead.


 32.1679, 0.4271,
0.2813


 32.1679, 0.4271,
0.2813


311.8834, 0.3666,
0.3068


 21.4898, 0.4432,
0.2744


 63.0742, 0.4044,
0.2910

 13.4825, 0.4643,
0.2652


 84.0712, 0.3961,
0.2945

 7.7616, 0.4934,
0.2526


 109.2766, 0.3891,
0.2974

 3.9428, 0.5354,
0.2340

 139.0747, 0.3833,
0.2999

 1.6416, 0.6003,
0.2048

173.8501, 0.3782,
0.3020

 0.3854, 0.7697,
0.1367

213.9871, 0.3738,


 0.0000, 1.0000,


0.3038


0.0000


259.8700, 0.3700,
0.3054


 0.0000, 0.0000,
0.0000


 32.1679, 0.4271,
0.2813


 32.1679, 0.4271,
0.2813

 27.3032, 0.4600,
0.2767


 38.5655, 0.3979,
0.2884


 23.8349, 0.4952,
0.2758


 46.6068, 0.3729,
0.2969

 21.6111, 0.5301,
0.2797

 56.3982, 0.3520,
0.3059

 20.4363, 0.5614,
0.2884

 68.0358, 0.3349,
0.3148

 20.1937, 0.5702,
0.2915

 81.6083, 0.3209,
0.3234

97.1991, 0.3095,
0.3314

98.3414, 0.3072,
0.3290

Harmonies

Analogous

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



32.1679, 0.3349, 0.2319



32.1679, 0.4271, 0.2813



32.1679, 0.4852, 0.3418

Triad

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



32.1679, 0.4271, 0.2813



32.1679, 0.3572, 0.4989



32.1679, 0.1627, 0.2190

Complementary

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



32.1679, 0.4271, 0.2813



73.1726, 0.2615, 0.3878

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.



32.1679, 0.1661, 0.2777



32.1679, 0.4271, 0.2813



32.1679, 0.2721, 0.4655

Square

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



32.1679, 0.4271, 0.2813



32.1679, 0.4352, 0.4669



32.1679, 0.2029, 0.3720



32.1679, 0.1899, 0.1960

Rectangle

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



32.1679, 0.4271, 0.2813



32.1679, 0.4916, 0.3847



32.1679, 0.2029, 0.3720



32.1679, 0.1603, 0.2342

Sweetspot

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



32.1696, 0.4271, 0.2813



73.6577, 0.3350, 0.3147



29.1480, 0.2753, 0.1766



15.1874, 0.3382, 0.3130



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.



32.1696, 0.4271, 0.2813



29.0868, 0.4642, 0.2763



36.4240, 0.4708, 0.3535



16.5723, 0.3242, 0.3212



10.7969, 0.5659, 0.2891



0.9671, 0.5308, 0.2698

Inverse Universe

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



32.1696, 0.4271, 0.2813



29.0868, 0.4642, 0.2763



62.3341, 0.2352, 0.2998



16.5723, 0.3242, 0.3212



10.7969, 0.5659, 0.2891



0.9671, 0.5308, 0.2698

Previews

White Background



This preview shows how the Yxy color 32.1679, 0.4271, 0.2813 looks on a white background.

Color Contrast Check

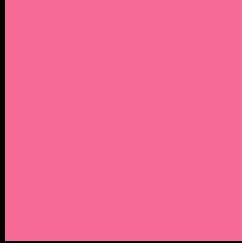
Large Text (above 18pt) WCAG AA × Fail

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 32.1679, 0.4271, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

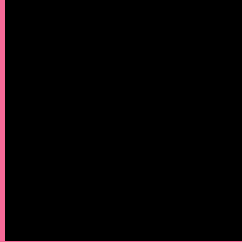
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.1679, 0.4271, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 32.1679, 0.4271, 0.2813.



This preview shows how white text looks on a background with the Yxy color 32.1679, 0.4271, 0.2813.

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

32.1679, 0.4271, 0.2813

Protanopia

32.4673, 0.2853, 0.2892

Deuteranopia

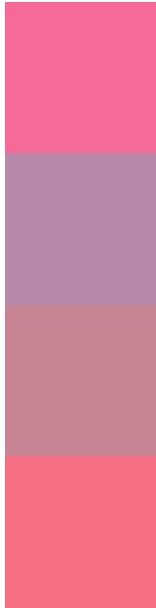
32.3099, 0.3407, 0.3349



Tritanopia

32.1775, 0.4640, 0.3211

Trichromacy



Original Color

32.1679, 0.4271, 0.2813

Protanomaly

30.7009, 0.3299, 0.2827

Deuteranomaly

31.0553, 0.3714, 0.3094

Tritanomaly

32.2303, 0.4506, 0.3064

Monochromacy



Original Color

32.1679, 0.4271, 0.2813

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.4730, 0.3516, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1679, 0.4271, 0.2813 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(246, 106, 152)` looks like.

```
.text, #text, p{  
    color:rgb(246, 106, 152)  
}
```

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(246, 106, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 106, 152) }
```

Border

The CSS property to change the border of an element to Yxy 32.1679, 0.4271, 0.2813 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(246, 106, 152) }
```

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

```
.border{ border-color:rgb(246, 106, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 106, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 106, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 106, 152);  
box-shadow:4px 4px 4px 4px rgb(246, 106,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1679, 0.4271, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 106, 152) }
```

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

```
.background{ background-color: rgb(246,  
106, 152) }
```

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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