

Converting Colors

Yxy(76.9170, 0.5365, 0.2963)

Have a look what the booklet for
Yxy(76.9170, 0.5365, 0.2963)
contains.

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Color

Yxy(32.0186, 0.4215, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EA6
RGB	255, 94, 166
RGB Percent	100%, 37%, 65%
CMY	0.0000, 0.6314, 0.3489
CMYK	0.00, 0.63, 0.35, 0.00
HSL	333°, 100%, 68%
HSV	333°, 63%, 100%
XYZ	52.1276, 32.0186, 39.5255
YIQ	150.3470, 72.8440, 56.5240

Conversions

Conversions Part 2

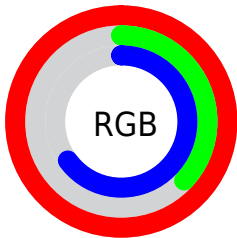
Format	Color
R_{YB}	255, 94, 166
Decimal	16735910
CIE _{Lab}	63.36, 67.21, -5.85
CIE _{LCh}	63, 67.465, 355.029
Yxy	32.0186, 0.4215, 0.2589
Android (android.graphics.Color)	4294925990 (0xFFFF5EA6)
YUV	150.3470, 7.7169, 91.7807
Hunter-Lab	56.5850, 65.4153, -1.8055

Details

The Yxy color **32.0186, 0.4215, 0.2589** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **77.3163, 0.2668, 0.4217**, and the grayscale version is **30.5996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9369, 0.3469, 0.2591**, and **13.4230, 0.4562, 0.2387** is the 20% darker color. If you saturate the color by 10%, you get **27.7204, 0.4488, 0.2539**, and if you desaturate by 10%, it is **37.8741, 0.3965, 0.2674**.

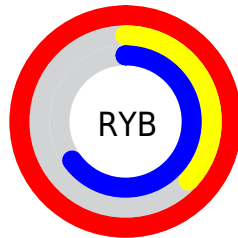
Distribution



Red (100%)

Green (37%)

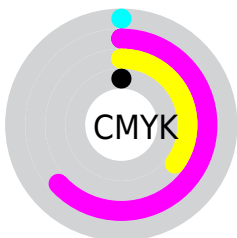
Blue (65%)



Red (100%)

Yellow (37%)

Blue (65%)

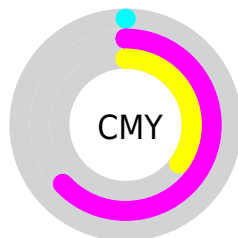


Cyan (0%)

Magenta (63%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0186, 0.4215, 0.2589 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 32.0186, 0.4215, 0.2589 by changing the saturation by 10% instead.


 32.0186, 0.4215,
0.2589

 32.0186, 0.4215,
0.2589


311.2040, 0.3648,
0.2947


 21.3757, 0.4363,
0.2498


 62.8402, 0.4004,
0.2720

 13.3989, 0.4556,
0.2381


 83.7878, 0.3926,
0.2769

 7.7038, 0.4818,
0.2225


 108.9390, 0.3861,
0.2811

 3.9060, 0.5192,
0.2007

 138.6783, 0.3806,
0.2846

 1.6211, 0.5760,
0.1688

173.3900, 0.3758,
0.2876

 0.3718, 0.6869,
0.0982

213.4586, 0.3716,

 0.0000, 1.0000,

0.2903

0.0000

259.2685, 0.3680,
0.2926

0.0000, 0.0000,
0.0000

32.0186, 0.4215,
0.2589

32.0186, 0.4215,
0.2589

27.7204, 0.4488,
0.2539

37.8741, 0.3965,
0.2674

24.8185, 0.4772,
0.2537

45.4165, 0.3744,
0.2782

23.1256, 0.5049,
0.2590

54.7676, 0.3556,
0.2901

22.4766, 0.5228,
0.2653

66.0365, 0.3397,
0.3023

79.3235, 0.3265,
0.3142

94.7218, 0.3157,
0.3256

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



32.0186, 0.3112, 0.2089



32.0186, 0.4215, 0.2589



32.0186, 0.5027, 0.3230

Triad

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



32.0186, 0.4215, 0.2589



32.0186, 0.3819, 0.5219



32.0186, 0.1418, 0.2138

Complementary

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



32.0186, 0.4215, 0.2589



77.3163, 0.2668, 0.4217

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.



32.0186, 0.1527, 0.2900



32.0186, 0.4215, 0.2589



32.0186, 0.2855, 0.5097

Square

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



32.0186, 0.4215, 0.2589



32.0186, 0.4666, 0.4665



32.0186, 0.2014, 0.4085



32.0186, 0.1637, 0.1814

Rectangle

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



32.0186, 0.4215, 0.2589



32.0186, 0.5195, 0.3695



32.0186, 0.2014, 0.4085



32.0186, 0.1416, 0.2338

Sweetspot

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



32.0203, 0.4215, 0.2589



71.2820, 0.3340, 0.3072



25.2384, 0.2529, 0.1539



14.4729, 0.3379, 0.3038



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.



32.0203, 0.4215, 0.2589



26.7541, 0.4569, 0.2533



31.5813, 0.5122, 0.3369



18.1222, 0.3224, 0.3184



11.7737, 0.5187, 0.2631



1.1680, 0.4906, 0.2476

Inverse Universe

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



32.0203, 0.4215, 0.2589



26.7541, 0.4569, 0.2533



76.0898, 0.2346, 0.3192



18.1222, 0.3224, 0.3184



11.7737, 0.5187, 0.2631



1.1680, 0.4906, 0.2476

Previews

White Background



This preview shows how the Yxy color 32.0186, 0.4215, 0.2589 looks on a white background.

Color Contrast Check

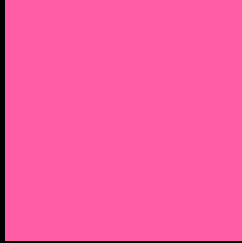
Large Text (above 18pt) WCAG AA × Fail

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 32.0186, 0.4215, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

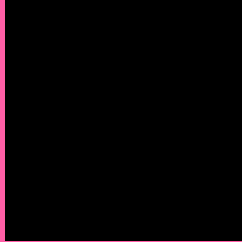
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0186, 0.4215, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 32.0186, 0.4215, 0.2589.



This preview shows how white text looks on a background with the Yxy color 32.0186, 0.4215, 0.2589.

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

32.0186, 0.4215, 0.2589

Protanopia

32.3051, 0.2587, 0.2549

Deuteranopia

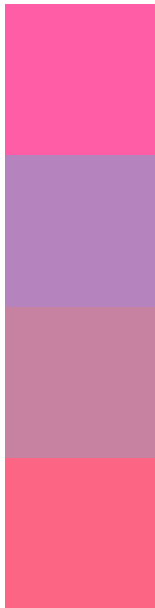
32.1790, 0.3225, 0.3159



Tritanopia

32.0096, 0.4830, 0.3227

Trichromacy



Original Color

32.0186, 0.4215, 0.2589

Protanomaly

29.7741, 0.3070, 0.2507

Deuteranomaly

30.4158, 0.3575, 0.2874

Tritanomaly

31.8641, 0.4614, 0.2997

Monochromacy



Original Color

32.0186, 0.4215, 0.2589

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.0569, 0.3507, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0186, 0.4215, 0.2589 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(255, 94, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 166)  
}
```

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(255, 94, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 166) }
```

Border

The CSS property to change the border of an element to Yxy 32.0186, 0.4215, 0.2589 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(255, 94, 166) }
```

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

```
.border{ border-color:rgb(255, 94, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0186, 0.4215, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 166) }
```

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

```
.background{ background-color: rgb(255, 94,  
166) }
```

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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