

Converting Colors

Yxy(33.4988, 0.4290, 0.2630)

Have a look what the booklet for
Yxy(33.4988, 0.4290, 0.2630)
contains.

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Color

Yxy(32.1610, 0.4226, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FA5
RGB	255, 95, 165
RGB Percent	100%, 37%, 65%
CMY	0.0000, 0.6276, 0.3528
CMYK	0.00, 0.63, 0.35, 0.00
HSL	334°, 100%, 69%
HSV	334°, 63%, 100%
XYZ	52.1336, 32.1610, 39.0694
YIQ	150.8200, 72.8900, 55.6900

Conversions

Conversions Part 2

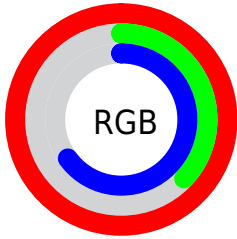
Format	Color
R _Y B	255, 95, 165
Decimal	16736165
CIE Lab	63.48, 66.72, -5.09
CIE LCh	63, 66.915, 355.635
Yxy	32.1610, 0.4226, 0.2607
Android (android.graphics.Color)	4294926245 (0xFFFF5FA5)
YUV	150.8200, 6.9907, 91.3659
Hunter-Lab	56.7107, 64.8499, -1.1489

Details

The Yxy color **32.1610, 0.4226, 0.2607** 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 **77.4520, 0.2662, 0.4189**, and the grayscale version is **30.8061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2098, 0.3477, 0.2610**, and **13.4921, 0.4578, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **27.7989, 0.4504, 0.2558**, and if you desaturate by 10%, it is **38.0764, 0.3971, 0.2691**.

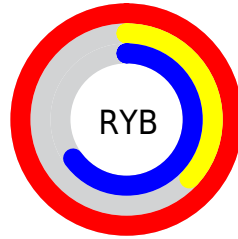
Distribution



Red (100%)

Green (37%)

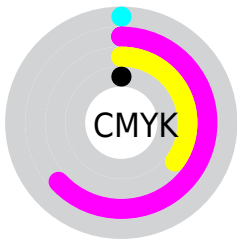
Blue (65%)



Red (100%)

Yellow (37%)

Blue (65%)

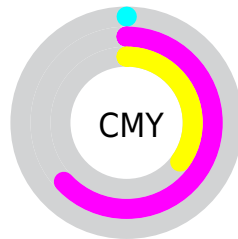


Cyan (0%)

Magenta (63%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1610, 0.4226, 0.2607 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 32.1610, 0.4226, 0.2607 by changing the saturation by 10% instead.


 32.1610, 0.4226,
0.2607


 32.1610, 0.4226,
0.2607


311.8520, 0.3653,
0.2957


 21.4845, 0.4376,
0.2518


 63.0634, 0.4013,
0.2736

 13.4786, 0.4571,
0.2403


 84.0581, 0.3934,
0.2783

 7.7589, 0.4837,
0.2249


 109.2610, 0.3868,
0.2824

 3.9411, 0.5216,
0.2034

 139.0564, 0.3812,
0.2858

 1.6407, 0.5792,
0.1718

173.8289, 0.3764,
0.2888

 0.3848, 0.6916,
0.1023

213.9627, 0.3722,

 0.0000, 1.0000,

0.2914

0.0000

259.8423, 0.3685,
0.2936

0.0000, 0.0000,
0.0000

32.1610, 0.4226,
0.2607

32.1610, 0.4226,
0.2607

27.7989, 0.4504,
0.2558

38.0764, 0.3971,
0.2691

24.8469, 0.4794,
0.2556

45.6910, 0.3747,
0.2797

23.1136, 0.5077,
0.2609

55.1207, 0.3556,
0.2913

22.4216, 0.5269,
0.2676

66.4742, 0.3396,
0.3033

79.8517, 0.3263,
0.3150

95.3463, 0.3154,
0.3261

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



32.1610, 0.3134, 0.2106



32.1610, 0.4226, 0.2607



32.1610, 0.5019, 0.3246

Triad

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



32.1610, 0.4226, 0.2607



32.1610, 0.3798, 0.5208



32.1610, 0.1431, 0.2138

Complementary

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



32.1610, 0.4226, 0.2607



77.4520, 0.2662, 0.4189

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.



32.1610, 0.1533, 0.2885



32.1610, 0.4226, 0.2607



32.1610, 0.2840, 0.5064

Square

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



32.1610, 0.4226, 0.2607



32.1610, 0.4641, 0.4672



32.1610, 0.2011, 0.4052



32.1610, 0.1656, 0.1822

Rectangle

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



32.1610, 0.4226, 0.2607



32.1610, 0.5177, 0.3709



32.1610, 0.2011, 0.4052



32.1610, 0.1428, 0.2333

Sweetspot

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



32.1571, 0.4226, 0.2607



71.2560, 0.3343, 0.3077



25.4653, 0.2533, 0.1548



14.4666, 0.3383, 0.3043



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.



32.1571, 0.4226, 0.2607



27.0201, 0.4569, 0.2553



31.7811, 0.5104, 0.3368



18.1192, 0.3225, 0.3186



11.7445, 0.5228, 0.2654



1.1650, 0.4942, 0.2496

Inverse Universe

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



32.1571, 0.4226, 0.2607



27.0201, 0.4569, 0.2553



76.1721, 0.2349, 0.3193



18.1192, 0.3225, 0.3186



11.7445, 0.5228, 0.2654



1.1650, 0.4942, 0.2496

Previews

White Background



This preview shows how the Yxy color 32.1610, 0.4226, 0.2607 looks on a white background.

Color Contrast Check

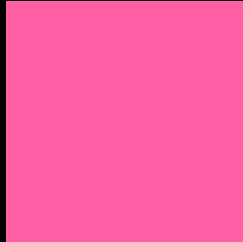
Large Text (above 18pt) WCAG AA × Fail

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 32.1610, 0.4226, 0.2607 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 32.1610, 0.4226, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 32.1610, 0.4226, 0.2607.



This preview shows how white text looks on a background with the Yxy color 32.1610, 0.4226, 0.2607.

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

32.1610, 0.4226, 0.2607

Protanopia

32.3835, 0.2616, 0.2577

Deuteranopia

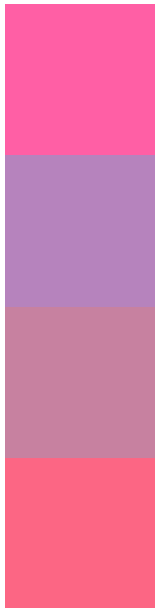
32.1447, 0.3235, 0.3174



Tritanopia

32.0096, 0.4830, 0.3227

Trichromacy



Original Color

32.1610, 0.4226, 0.2607

Protanomaly

29.8518, 0.3090, 0.2521

Deuteranomaly

30.3807, 0.3586, 0.2886

Tritanomaly

31.8641, 0.4614, 0.2997

Monochromacy



Original Color

32.1610, 0.4226, 0.2607

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.4517, 0.3516, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1610, 0.4226, 0.2607 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, 95, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 165)  
}
```

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, 95, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 165) }
```

Border

The CSS property to change the border of an element to Yxy 32.1610, 0.4226, 0.2607 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, 95, 165) }
```

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

```
.border{ border-color:rgb(255, 95, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1610, 0.4226, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 165) }
```

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

```
.background{ background-color: rgb(255, 95,  
165) }
```

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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