

Converting Colors

Yxy(29.9674, 0.4115, 0.2563)

Have a look what the booklet for
Yxy(29.9674, 0.4115, 0.2563)
contains.

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Color

Yxy(29.9551, 0.4115, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	F45EA5
RGB	244, 94, 165
RGB Percent	96%, 37%, 65%
CMY	0.0430, 0.6315, 0.3529
CMYK	0.00, 0.61, 0.32, 0.04
HSL	332°, 87%, 66%
HSV	332°, 61%, 96%
XYZ	48.1129, 29.9551, 38.8528
YIQ	146.9440, 66.6090, 53.8810

Conversions

Conversions Part 2

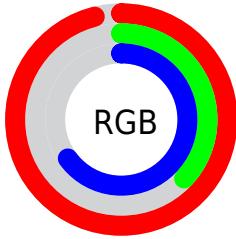
Format	Color
RYB	244, 94, 165
Decimal	16015013
CIELab	61.62, 63.93, -8.04
CIELCh	62, 64.438, 352.835
Yxy	29.9551, 0.4115, 0.2562
Android (android.graphics.Color)	4294205093 (0xFFFF45EA5)
YUV	146.9440, 8.9016, 85.1181
Hunter-Lab	54.7313, 61.1353, -3.7771

Details

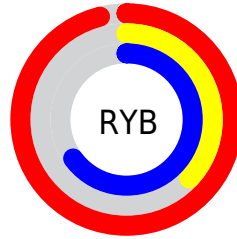
The Yxy color **29.9551, 0.4115, 0.2562** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **70.1171, 0.2692, 0.4241**, and the grayscale version is **29.0922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5605, 0.3480, 0.2591**, and **12.2613, 0.4441, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **25.8382, 0.4368, 0.2499**, and if you desaturate by 10%, it is **35.4933, 0.3884, 0.2658**.

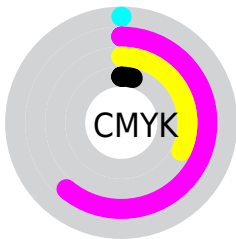
Distribution



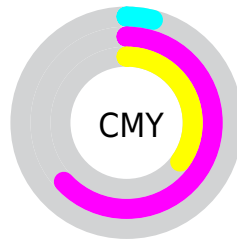
- Red (96%)
- Green (37%)
- Blue (65%)



- Red (96%)
- Yellow (37%)
- Blue (65%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9551, 0.4115, 0.2562 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 29.9551, 0.4115, 0.2562 by changing the saturation by 10% instead.


 29.9551, 0.4115,
0.2562


 29.9551, 0.4115,
0.2562


301.6951, 0.3597,
0.2934

 19.8045, 0.4252,
0.2467


 59.5912, 0.3921,
0.2699


 12.2530, 0.4431,
0.2345


 79.8454, 0.3850,
0.2750

 6.9162, 0.4676,
0.2181

 104.2364, 0.3791,
0.2793

 3.4098, 0.5030,
0.1952

 133.1484, 0.3740,
0.2829

 1.3492, 0.5576,
0.1615

166.9659, 0.3697,
0.2861

 0.1788, 0.6898,
0.0593

206.0732, 0.3659,


 0.0000, 1.0000,


0.2888


0.0000

250.8548, 0.3626,
0.2913


 0.0000, 0.0000,
0.0000

 29.9551, 0.4115,
0.2562


 29.9551, 0.4115,
0.2562


 25.8382, 0.4368,
0.2499


 35.4933, 0.3884,
0.2658

 23.0021, 0.4634,
0.2482


 42.5664, 0.3682,
0.2775


 21.2855, 0.4898,
0.2519

 51.2817, 0.3508,
0.2901

 20.4897, 0.5111,
0.2589

 61.7354, 0.3362,
0.3029

 74.0164, 0.3241,
0.3154

 88.2074, 0.3141,
0.3273

 97.9771, 0.3060,
0.3290

 97.9794, 0.3060,
0.3290

Harmonies

Analogous

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



29.9551, 0.3038, 0.2083



29.9551, 0.4115, 0.2562



29.9551, 0.4946, 0.3188

Triad

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



29.9551, 0.4115, 0.2562



29.9551, 0.3880, 0.5154



29.9551, 0.1444, 0.2202

Complementary

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



29.9551, 0.4115, 0.2562



70.1171, 0.2692, 0.4241

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.



29.9551, 0.1579, 0.2986



29.9551, 0.4115, 0.2562



29.9551, 0.2934, 0.5090

Square

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



29.9551, 0.4115, 0.2562



29.9551, 0.4691, 0.4596



29.9551, 0.2090, 0.4154



29.9551, 0.1637, 0.1853

Rectangle

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



29.9551, 0.4115, 0.2562



29.9551, 0.5148, 0.3644



29.9551, 0.2090, 0.4154



29.9551, 0.1451, 0.2411

Sweetspot

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



29.9567, 0.4115, 0.2562



72.6701, 0.3318, 0.3073



23.2483, 0.2506, 0.1564



14.7459, 0.3355, 0.3036



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.



29.9567, 0.4115, 0.2562



27.5798, 0.4439, 0.2490



28.4988, 0.5075, 0.3320



16.6132, 0.3219, 0.3178



11.1647, 0.5073, 0.2568



1.0019, 0.4778, 0.2406

Inverse Universe

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



29.9567, 0.4115, 0.2562



27.5798, 0.4439, 0.2490



72.1391, 0.2373, 0.3257



16.6132, 0.3219, 0.3178



11.1647, 0.5073, 0.2568



1.0019, 0.4778, 0.2406

Previews

White Background



This preview shows how the Yxy color 29.9551, 0.4115, 0.2562 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9551, 0.4115, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

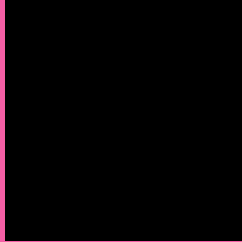
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9551, 0.4115, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 29.9551, 0.4115, 0.2562.



This preview shows how white text looks on a background with the Yxy color 29.9551, 0.4115, 0.2562.

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

29.9551, 0.4115, 0.2562

Protanopia

30.1528, 0.2558, 0.2504

Deuteranopia

30.1587, 0.3167, 0.3110



Tritanopia

30.0256, 0.4729, 0.3222

Trichromacy



Original Color

29.9551, 0.4115, 0.2562



Protanomaly

28.0679, 0.3018, 0.2473



Deuteranomaly

28.5361, 0.3503, 0.2833



Tritanomaly

29.8695, 0.4507, 0.2979

Monochromacy



Original Color

29.9551, 0.4115, 0.2562



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

27.7165, 0.3466, 0.2925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9551, 0.4115, 0.2562 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, 94, 165)` looks like.

```
.text, #text, p{  
    color:rgb(244, 94, 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(244, 94, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 94, 165) }
```

Border

The CSS property to change the border of an element to Yxy 29.9551, 0.4115, 0.2562 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, 94, 165) }
```

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

```
.border{ border-color:rgb(244, 94, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 94, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 94, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 94, 165);  
box-shadow:4px 4px 4px 4px rgb(244, 94,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9551, 0.4115, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 94, 165) }
```

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

```
.background{ background-color: rgb(244, 94,  
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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