

Converting Colors

$Y_{xy}(48.9603, 0.5042, 0.2786)$

Have a look what the booklet for
Yxy(48.9603, 0.5042, 0.2786)
contains.

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Color

Yxy(29.2468, 0.4344, 0.2525)

Conversions

Conversions Part 1

Format	Color
Hex	FF4EA0
RGB	255, 78, 160
RGB Percent	100%, 31%, 63%
CMY	0.0000, 0.6942, 0.3724
CMYK	0.00, 0.69, 0.37, 0.00
HSL	332°, 100%, 65%
HSV	332°, 69%, 100%
XYZ	50.3161, 29.2468, 36.2660
YIQ	140.2710, 79.1700, 63.0260

Conversions

Conversions Part 2

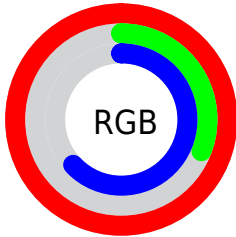
Format	Color
R _Y B	255, 78, 160
Decimal	16731808
CIE Lab	61.00, 72.58, -5.88
CIE LCh	61, 72.822, 355.369
Yxy	29.2468, 0.4344, 0.2525
Android (android.graphics.Color)	4294921888 (0xFFFF4EA0)
YUV	140.2710, 9.7264, 100.6173
Hunter-Lab	54.0803, 71.4351, -1.9034

Details

The Yxy color **29.2468, 0.4344, 0.2525** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **76.1541, 0.2663, 0.4368**, and the grayscale version is **26.2713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3433, 0.3547, 0.2513**, and **12.4416, 0.4692, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **25.8456, 0.4615, 0.2500**, and if you desaturate by 10%, it is **34.1015, 0.4088, 0.2593**.

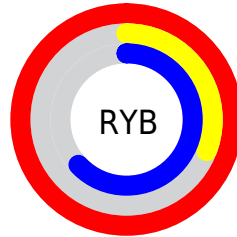
Distribution



Red (100%)

Green (31%)

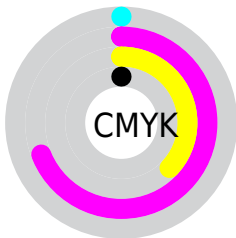
Blue (63%)



Red (100%)

Yellow (31%)

Blue (63%)

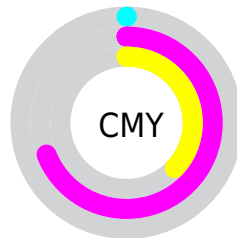


Cyan (0%)

Magenta (69%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2468, 0.4344, 0.2525 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 29.2468, 0.4344, 0.2525 by changing the saturation by 10% instead.


 29.2468, 0.4344,
0.2525


 29.2468, 0.4344,
0.2525


298.3777, 0.3702,
0.2920

 19.2676, 0.4514,
0.2424


 58.4690, 0.4103,
0.2671

 11.8638, 0.4736,
0.2292


 78.4807, 0.4015,
0.2725

 6.6510, 0.5041,
0.2116


 102.6055, 0.3942,
0.2770

 3.2448, 0.5477,
0.1870

 131.2276, 0.3879,
0.2809

 1.2608, 0.6142,
0.1510

164.7315, 0.3826,
0.2843

 0.1106, 0.7861,
0.0368

203.5015, 0.3779,

 0.0000, 1.0000,

0.2872

0.0000

247.9221, 0.3738,
0.2897

0.0000, 0.0000,
0.0000

29.2468, 0.4344,
0.2525

29.2468, 0.4344,
0.2525

25.8456, 0.4615,
0.2500

34.1015, 0.4088,
0.2593

23.7275, 0.4887,
0.2529

40.5605, 0.3856,
0.2692


22.6239, 0.5144,
0.2610

48.7511, 0.3655,
0.2809

22.5727, 0.5159,
0.2615

58.7889, 0.3483,
0.2934

70.7792, 0.3339,
0.3060

 84.8194, 0.3220,
0.3181

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.



29.2468, 0.3114, 0.1992



29.2468, 0.4344, 0.2525



29.2468, 0.5237, 0.3202

Triad

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



29.2468, 0.4344, 0.2525



29.2468, 0.3828, 0.5416



29.2468, 0.1284, 0.2014

Complementary

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



29.2468, 0.4344, 0.2525



76.1541, 0.2663, 0.4368

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.



29.2468, 0.1383, 0.2824



29.2468, 0.4344, 0.2525



29.2468, 0.2785, 0.5325

Square

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



29.2468, 0.4344, 0.2525



29.2468, 0.4763, 0.4755



29.2468, 0.1886, 0.4160



29.2468, 0.1519, 0.1686

Rectangle

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



29.2468, 0.4344, 0.2525



29.2468, 0.5396, 0.3693



29.2468, 0.1886, 0.4160



29.2468, 0.1278, 0.2221

Sweetspot

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



29.2454, 0.4344, 0.2525



68.7493, 0.3360, 0.3040



21.4812, 0.2426, 0.1376



13.9825, 0.3399, 0.3005



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.



29.2454, 0.4344, 0.2525



24.9499, 0.4713, 0.2504



28.1322, 0.5441, 0.3344



18.1272, 0.3221, 0.3180



11.8242, 0.5119, 0.2594



1.1731, 0.4845, 0.2443

Inverse Universe

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



29.2454, 0.4344, 0.2525



24.9499, 0.4713, 0.2504



76.6518, 0.2313, 0.3217



18.1272, 0.3221, 0.3180



11.8242, 0.5119, 0.2594



1.1731, 0.4845, 0.2443

Previews

White Background



This preview shows how the Yxy color 29.2468, 0.4344, 0.2525 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 29.2468, 0.4344, 0.2525 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 29.2468, 0.4344, 0.2525

Background



This preview shows how black text looks on a background with the Yxy color 29.2468, 0.4344, 0.2525.



This preview shows how white text looks on a background with the Yxy color 29.2468, 0.4344, 0.2525.

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

29.2468, 0.4344, 0.2525

Protanopia

29.6632, 0.2505, 0.2445

Deuteranopia

29.3529, 0.3229, 0.3169



Tritanopia

29.2388, 0.5093, 0.3241

Trichromacy



Original Color

29.2468, 0.4344, 0.2525



Protanomaly

26.4195, 0.3029, 0.2382



Deuteranomaly

27.1288, 0.3638, 0.2825



Tritanomaly

29.0554, 0.4836, 0.2984

Monochromacy



Original Color

29.2468, 0.4344, 0.2525



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.7742, 0.3577, 0.2866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2468, 0.4344, 0.2525 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, 78, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 160)  
}
```

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, 78, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 160) }
```

Border

The CSS property to change the border of an element to Yxy 29.2468, 0.4344, 0.2525 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, 78, 160) }
```

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

```
.border{ border-color:rgb(255, 78, 160) }
```

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

Here you see how a box with a 4 pixel rgb(255, 78, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2468, 0.4344, 0.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 160) }
```

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

```
.background{ background-color: rgb(255, 78,  
160) }
```

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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