

Converting Colors

Yxy(27.9264, 0.4415, 0.2494)

Have a look what the booklet for
Yxy(27.9264, 0.4415, 0.2494)
contains.

Yxy(27.9506, 0.4412, 0.2494)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.9506, 0.4412, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	FF459D
RGB	255, 69, 157
RGB Percent	100%, 27%, 62%
CMY	0.0001, 0.7292, 0.3844
CMYK	0.00, 0.73, 0.38, 0.00
HSL	332°, 100%, 64%
HSV	332°, 73%, 100%
XYZ	49.4459, 27.9506, 34.6749
YIQ	134.6460, 82.6080, 66.8000

Conversions

Conversions Part 2

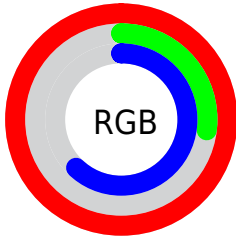
Format	Color
R_{YB}	255, 69, 157
Decimal	16729501
CIE Lab	59.84, 75.22, -5.81
CIE LCh	60, 75.441, 355.581
Yxy	27.9506, 0.4412, 0.2494
Android (android.graphics.Color)	4294919581 (0xFFFF459D)
YUV	134.6460, 11.0205, 105.5505
Hunter-Lab	52.8683, 74.4252, -1.8789

Details

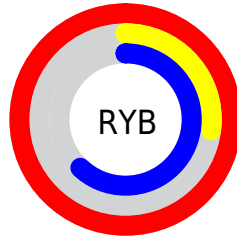
The Yxy color **27.9506, 0.4412, 0.2494** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.5650, 0.2665, 0.4457**, and the grayscale version is **24.0346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1957, 0.3598, 0.2484**, and **12.3781, 0.4757, 0.2394** is the 20% darker color. If you saturate the color by 10%, you get **25.0236, 0.4679, 0.2485**, and if you desaturate by 10%, it is **32.2778, 0.4155, 0.2551**.

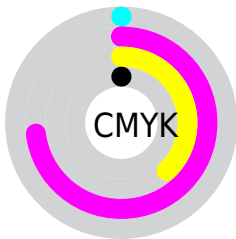
Distribution



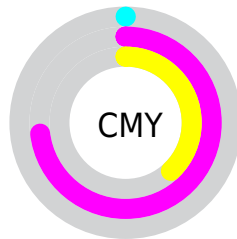
- Red (100%)
- Green (27%)
- Blue (62%)



- Red (100%)
- Yellow (27%)
- Blue (62%)



- Cyan (0%)
- Magenta (73%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9506, 0.4412, 0.2494 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 27.9506, 0.4412, 0.2494 by changing the saturation by 10% instead.


 27.9506, 0.4412,
0.2494


 27.9506, 0.4412,
0.2494


292.2308, 0.3730,
0.2907


 18.2884, 0.4593,
0.2387


 56.4056, 0.4156,
0.2647

 11.1573, 0.4832,
0.2249


 75.9671, 0.4062,
0.2704


 6.1727, 0.5159,
0.2062


 99.5973, 0.3984,
0.2751

 2.9504, 0.5629,
0.1802

 127.6805, 0.3918,
0.2792

 1.1059, 0.6346,
0.1420

 160.6010, 0.3861,
0.2827

 0.0000, 0.8529,
0.0000

198.7433, 0.3811,

 0.0000, 1.0000,

0.2857

0.0000

242.4918, 0.3768,
0.2884

■ 0.0000, 0.0000,
0.0000

■ 27.9506, 0.4412,
0.2494

■ 27.9506, 0.4412,
0.2494

■ 25.0236, 0.4679,
0.2485

■ 32.2778, 0.4155,
0.2551

■ 23.3044, 0.4942,
0.2532


■ 38.1554, 0.3919,
0.2642

■ 22.6257, 0.5118,
0.2593

■ 45.7192, 0.3711,
0.2757

■ 55.0888, 0.3533,
0.2882

■ 66.3727, 0.3382,
0.3010

 79.6709, 0.3257,
0.3136

 95.0762, 0.3154,
0.3256

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



27.9506, 0.3118, 0.1945



27.9506, 0.4412, 0.2494



27.9506, 0.5343, 0.3188

Triad

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



27.9506, 0.4412, 0.2494



27.9506, 0.3825, 0.5513



27.9506, 0.1219, 0.1951

Complementary

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



27.9506, 0.4412, 0.2494



75.5650, 0.2665, 0.4457

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.



27.9506, 0.1313, 0.2782



27.9506, 0.4412, 0.2494



27.9506, 0.2745, 0.5442

Square

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



27.9506, 0.4412, 0.2494



27.9506, 0.4805, 0.4795



27.9506, 0.1820, 0.4195



27.9506, 0.1463, 0.1624

Rectangle

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



27.9506, 0.4412, 0.2494



27.9506, 0.5495, 0.3689



27.9506, 0.1820, 0.4195



27.9506, 0.1211, 0.2162

Sweetspot

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



27.9521, 0.4412, 0.2494



67.5205, 0.3370, 0.3022



19.4932, 0.2355, 0.1285



13.7447, 0.3407, 0.2987



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.



27.9521, 0.4412, 0.2494



24.0171, 0.4814, 0.2502



26.3407, 0.5625, 0.3320



18.1301, 0.3220, 0.3178



11.8545, 0.5080, 0.2572



1.1761, 0.4811, 0.2424

Inverse Universe

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



27.9521, 0.4412, 0.2494



24.0171, 0.4814, 0.2502



78.0304, 0.2303, 0.3251



18.1301, 0.3220, 0.3178



11.8545, 0.5080, 0.2572



1.1761, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 27.9506, 0.4412, 0.2494 looks on a white background.

Color Contrast Check

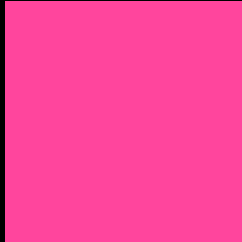
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9506, 0.4412, 0.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

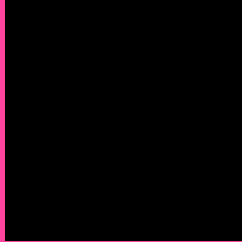
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9506, 0.4412, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 27.9506, 0.4412, 0.2494.



This preview shows how white text looks on a background with the Yxy color 27.9506, 0.4412, 0.2494.

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

27.9506, 0.4412, 0.2494

Protanopia

28.1138, 0.2451, 0.2364

Deuteranopia

28.0624, 0.3231, 0.3167



Tritanopia

27.9201, 0.5243, 0.3253

Trichromacy



Original Color

27.9506, 0.4412, 0.2494



Protanomaly

24.6630, 0.2997, 0.2294



Deuteranomaly

25.6064, 0.3666, 0.2794



Tritanomaly

27.6706, 0.4963, 0.2978

Monochromacy



Original Color

27.9506, 0.4412, 0.2494



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.9358, 0.3607, 0.2830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9506, 0.4412, 0.2494 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, 69, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 157)  
}
```

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, 69, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 157) }
```

Border

The CSS property to change the border of an element to Yxy 27.9506, 0.4412, 0.2494 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, 69, 157) }
```

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

```
.border{ border-color:rgb(255, 69, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9506, 0.4412, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 157) }
```

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

```
.background{ background-color: rgb(255, 69,  
157) }
```

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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