

Converting Colors

$Y_{xy}(29.2502, 0.4343, 0.2595)$

Have a look what the booklet for
Yxy(29.2502, 0.4343, 0.2595)
contains.

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Color

Yxy(29.2502, 0.4343, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	FB549C
RGB	251, 84, 156
RGB Percent	98%, 33%, 61%
CMY	0.0157, 0.6705, 0.3883
CMYK	0.00, 0.67, 0.38, 0.02
HSL	334°, 95%, 66%
HSV	334°, 67%, 98%
XYZ	48.9532, 29.2502, 34.5141
YIQ	142.1410, 76.4200, 57.7960

Conversions

Conversions Part 2

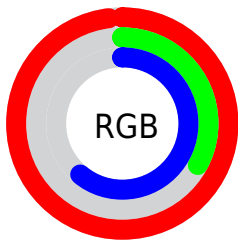
Format	Color
R _Y B	251, 84, 156
Decimal	16471196
CIE Lab	61.00, 68.89, -3.61
CIE LCh	61, 68.981, 357.004
Yxy	29.2502, 0.4343, 0.2595
Android (android.graphics.Color)	4294661276 (0xFFFB549C)
YUV	142.1410, 6.8325, 95.4693
Hunter-Lab	54.0835, 66.9219, 0.0217

Details

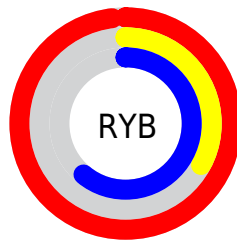
The Yxy color **29.2502, 0.4343, 0.2595** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **74.1334, 0.2646, 0.4237**, and the grayscale version is **27.0613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5581, 0.3588, 0.2608**, and **11.9671, 0.4741, 0.2385** is the 20% darker color. If you saturate the color by 10%, you get **25.5723, 0.4632, 0.2564**, and if you desaturate by 10%, it is **34.3832, 0.4074, 0.2666**.

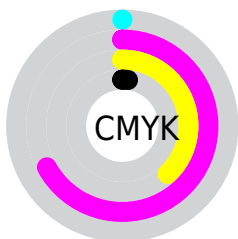
Distribution



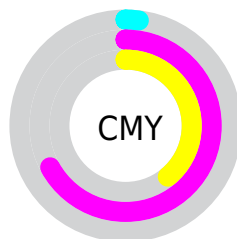
- Red (98%)
- Green (33%)
- Blue (61%)



- Red (98%)
- Yellow (33%)
- Blue (61%)



- Cyan (0%)
- Magenta (67%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2502, 0.4343, 0.2595 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 29.2502, 0.4343, 0.2595 by changing the saturation by 10% instead.

 29.2502, 0.4343,
0.2595


 29.2502, 0.4343,
0.2595


298.3936, 0.3698,
0.2958

 19.2702, 0.4515,
0.2500


 58.4744, 0.4101,
0.2730

 11.8657, 0.4741,
0.2376


 78.4873, 0.4012,
0.2780

 6.6523, 0.5051,
0.2209


 102.6133, 0.3938,
0.2822

 3.2456, 0.5499,
0.1971

 131.2368, 0.3875,
0.2857

 1.2613, 0.6188,
0.1614

164.7422, 0.3822,
0.2888

 0.1109, 0.8187,
0.0416

203.5139, 0.3775,

 0.0000, 1.0000,

0.2914

0.0000

247.9362, 0.3734,
0.2938

■ 0.0000, 0.0000,
0.0000

■ 29.2502, 0.4343,
0.2595

■ 29.2502, 0.4343,
0.2595

■ 25.5723, 0.4632,
0.2564

■ 34.3832, 0.4074,
0.2666

■ 23.1858, 0.4925,
0.2583

■ 41.1024, 0.3836,
0.2764

■ 21.8935, 0.5203,
0.2657

■ 49.5292, 0.3630,
0.2875

■ 21.5953, 0.5295,
0.2691

■ 59.7721, 0.3456,
0.2993

■ 71.9303, 0.3312,
0.3109

 86.0959, 0.3193,
0.3221

 99.2486, 0.3102,
0.3290

Harmonies

Analogous

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



29.2502, 0.3181, 0.2067



29.2502, 0.4343, 0.2595



29.2502, 0.5157, 0.3259

Triad

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



29.2502, 0.4343, 0.2595



29.2502, 0.3766, 0.5334



29.2502, 0.1357, 0.2047

Complementary

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



29.2502, 0.4343, 0.2595



74.1334, 0.2646, 0.4237

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.



29.2502, 0.1440, 0.2801



29.2502, 0.4343, 0.2595



29.2502, 0.2763, 0.5164

Square

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



29.2502, 0.4343, 0.2595



29.2502, 0.4668, 0.4755



29.2502, 0.1911, 0.4040



29.2502, 0.1604, 0.1744

Rectangle

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



29.2502, 0.4343, 0.2595



29.2502, 0.5290, 0.3740



29.2502, 0.1911, 0.4040



29.2502, 0.1347, 0.2241

Sweetspot

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



29.2518, 0.4343, 0.2595



69.9358, 0.3359, 0.3069



22.8487, 0.2513, 0.1469



14.2092, 0.3400, 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.



29.2518, 0.4343, 0.2595



25.4897, 0.4736, 0.2564



29.3601, 0.5258, 0.3394



17.3494, 0.3226, 0.3188



11.3796, 0.5254, 0.2668



1.0747, 0.4951, 0.2501

Inverse Universe

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



29.2518, 0.4343, 0.2595



25.4897, 0.4736, 0.2564



71.0909, 0.2314, 0.3152



17.3494, 0.3226, 0.3188



11.3796, 0.5254, 0.2668



1.0747, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 29.2502, 0.4343, 0.2595 looks on a white background.

Color Contrast Check

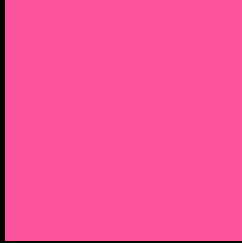
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2502, 0.4343, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

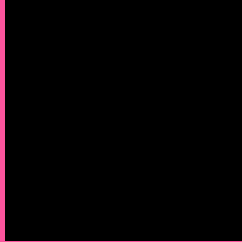
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2502, 0.4343, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 29.2502, 0.4343, 0.2595.



This preview shows how white text looks on a background with the Yxy color 29.2502, 0.4343, 0.2595.

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

29.2502, 0.4343, 0.2595

Protanopia

29.5662, 0.2599, 0.2565

Deuteranopia

29.4644, 0.3281, 0.3215



Tritanopia

29.0992, 0.5001, 0.3238

Trichromacy



Original Color

29.2502, 0.4343, 0.2595



Protanomaly

26.8492, 0.3120, 0.2497



Deuteranomaly

27.6228, 0.3655, 0.2902



Tritanomaly

29.0159, 0.4765, 0.3002

Monochromacy



Original Color

29.2502, 0.4343, 0.2595



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.7264, 0.3566, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2502, 0.4343, 0.2595 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(251, 84, 156)` looks like.

```
.text, #text, p{  
    color:rgb(251, 84, 156)  
}
```

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(251, 84, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 84, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.2502, 0.4343, 0.2595 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(251, 84, 156) }
```

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

```
.border{ border-color:rgb(251, 84, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 84, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 84, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 84, 156);  
box-shadow:4px 4px 4px 4px rgb(251, 84,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2502, 0.4343, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 84, 156) }
```

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

```
.background{ background-color: rgb(251, 84,  
156) }
```

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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