

Converting Colors

$Y_{xy}(28.3577, 0.4324, 0.2651)$

Have a look what the booklet for
Yxy(28.3577, 0.4324, 0.2651)
contains.

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Color

Yxy(28.4469, 0.4329, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	F45897
RGB	244, 88, 151
RGB Percent	96%, 35%, 59%
CMY	0.0431, 0.6549, 0.4079
CMYK	0.00, 0.64, 0.38, 0.04
HSL	336°, 88%, 65%
HSV	336°, 64%, 96%
XYZ	46.3829, 28.4469, 32.3148
YIQ	141.8260, 72.7530, 52.6650

Conversions

Conversions Part 2

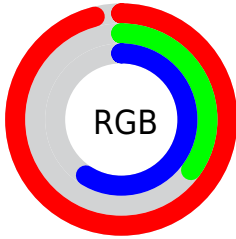
Format	Color
R_{YB}	244, 88, 151
Decimal	16013463
CIE _{Lab}	60.29, 64.81, -1.87
CIE _{LCh}	60, 64.839, 358.346
Yxy	28.4469, 0.4329, 0.2655
Android (android.graphics.Color)	4294203543 (0xFFFF45897)
YUV	141.8260, 4.5228, 89.6066
Hunter-Lab	53.3356, 61.8937, 1.4125

Details

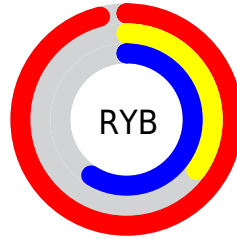
The Yxy color **28.4469, 0.4329, 0.2655** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **70.1154, 0.2635, 0.4131**, and the grayscale version is **26.9396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2255, 0.3633, 0.2685**, and **11.3883, 0.4736, 0.2449** is the 20% darker color. If you saturate the color by 10%, you get **24.6463, 0.4630, 0.2618**, and if you desaturate by 10%, it is **33.6487, 0.4053, 0.2728**.

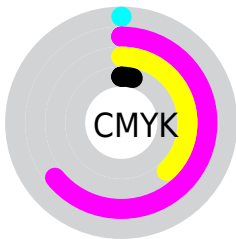
Distribution



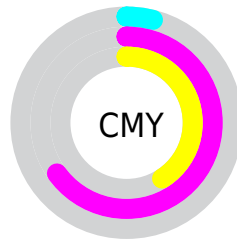
- Red (96%)
- Green (35%)
- Blue (59%)



- Red (96%)
- Yellow (35%)
- Blue (59%)



- Cyan (0%)
- Magenta (64%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4469, 0.4329, 0.2655 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 28.4469, 0.4329, 0.2655 by changing the saturation by 10% instead.


 28.4469, 0.4329,
0.2655


 28.4469, 0.4329,
0.2655


294.5963, 0.3687,
0.2992


 18.6628, 0.4502,
0.2565


 57.1972, 0.4086,
0.2782

 11.4269, 0.4732,
0.2447


 76.9321, 0.3998,
0.2828

 6.3547, 0.5049,
0.2284


 100.7528, 0.3924,
0.2867

 3.0620, 0.5512,
0.2050

 129.0436, 0.3862,
0.2899

 1.1642, 0.6235,
0.1689

162.1890, 0.3809,
0.2927

 0.0321, 0.9044,
0.0155

200.5733, 0.3762,

 0.0000, 1.0000,

0.2952

0.0000

244.5809, 0.3722,
0.2973

■ 0.0000, 0.0000,
0.0000

■ 28.4469, 0.4329,
0.2655

■ 28.4469, 0.4329,
0.2655

■ 24.6463, 0.4630,
0.2618

■ 33.6487, 0.4053,
0.2728

■ 22.1005, 0.4940,
0.2628

■ 40.3698, 0.3810,
0.2823


■ 20.6382, 0.5238,
0.2692

■ 48.7208, 0.3602,
0.2930


■ 20.1246, 0.5406,
0.2752

■ 58.8005, 0.3429,
0.3040

■ 70.7001, 0.3285,
0.3148

 84.5040, 0.3167,
0.3251

 97.8347, 0.3072,
0.3311

 97.9734, 0.3060,
0.3290

Harmonies

Analogous

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



28.4469, 0.3231, 0.2134



28.4469, 0.4329, 0.2655



28.4469, 0.5077, 0.3305

Triad

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



28.4469, 0.4329, 0.2655



28.4469, 0.3714, 0.5248



28.4469, 0.1427, 0.2083

Complementary

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



28.4469, 0.4329, 0.2655



70.1154, 0.2635, 0.4131

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.



28.4469, 0.1498, 0.2791



28.4469, 0.4329, 0.2655



28.4469, 0.2751, 0.5022

Square

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



28.4469, 0.4329, 0.2655



28.4469, 0.4584, 0.4742



28.4469, 0.1941, 0.3945



28.4469, 0.1682, 0.1800

Rectangle

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



28.4469, 0.4329, 0.2655



28.4469, 0.5190, 0.3774



28.4469, 0.1941, 0.3945



28.4469, 0.1413, 0.2266

Sweetspot

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



28.4484, 0.4329, 0.2655



71.1648, 0.3355, 0.3093



23.0975, 0.2569, 0.1545



14.4447, 0.3398, 0.3062



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.



28.4484, 0.4329, 0.2655



26.1844, 0.4731, 0.2615



29.2476, 0.5111, 0.3419



16.5934, 0.3230, 0.3195



10.9678, 0.5365, 0.2729



0.9837, 0.5035, 0.2547

Inverse Universe

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



28.4484, 0.4329, 0.2655



26.1844, 0.4731, 0.2615



65.7604, 0.2326, 0.3126



16.5934, 0.3230, 0.3195



10.9678, 0.5365, 0.2729



0.9837, 0.5035, 0.2547

Previews

White Background



This preview shows how the Yxy color 28.4469, 0.4329, 0.2655 looks on a white background.

Color Contrast Check

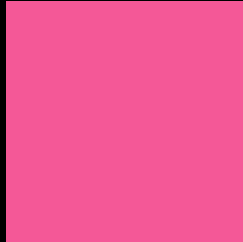
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4469, 0.4329, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

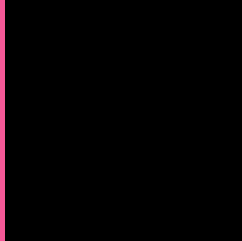
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4469, 0.4329, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 28.4469, 0.4329, 0.2655.



This preview shows how white text looks on a background with the Yxy color 28.4469, 0.4329, 0.2655.

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

28.4469, 0.4329, 0.2655

Protanopia

28.6426, 0.2671, 0.2654

Deuteranopia

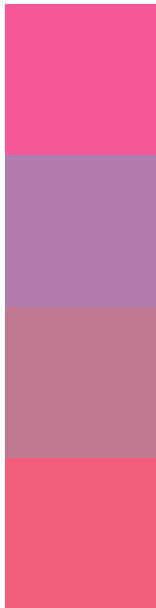
28.6100, 0.3325, 0.3260



Tritanopia

28.4561, 0.4896, 0.3225

Trichromacy



Original Color

28.4469, 0.4329, 0.2655

Protanomaly

26.5464, 0.3182, 0.2604

Deuteranomaly

27.0708, 0.3682, 0.2963

Tritanomaly

28.2878, 0.4697, 0.3010

Monochromacy



Original Color

28.4469, 0.4329, 0.2655

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.5471, 0.3552, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4469, 0.4329, 0.2655 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, 88, 151)` looks like.

```
.text, #text, p{  
    color:rgb(244, 88, 151)  
}
```

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, 88, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 88, 151) }
```

Border

The CSS property to change the border of an element to Yxy 28.4469, 0.4329, 0.2655 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, 88, 151) }
```

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

```
.border{ border-color:rgb(244, 88, 151) }
```

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

Here you see how a box with a 4 pixel rgb(244, 88, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 88, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 88, 151);  
box-shadow:4px 4px 4px 4px rgb(244, 88,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4469, 0.4329, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 88, 151) }
```

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

```
.background{ background-color: rgb(244, 88,  
151) }
```

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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