

Converting Colors

$Y_{xy}(28.8592, 0.4338, 0.2888)$

Have a look what the booklet for
Yxy(28.8592, 0.4338, 0.2888)
contains.

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Color

Yxy(28.8592, 0.4338, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	EA668B
RGB	234, 102, 139
RGB Percent	92%, 40%, 55%
CMY	0.0823, 0.6000, 0.4548
CMYK	0.00, 0.56, 0.41, 0.08
HSL	343°, 76%, 66%
HSV	343°, 56%, 92%
XYZ	43.3488, 28.8592, 27.7200
YIQ	145.6860, 66.7950, 39.4910

Conversions

Conversions Part 2

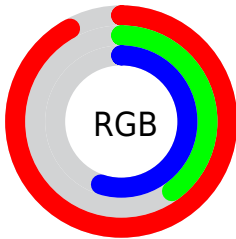
Format	Color
R_{YB}	234, 102, 139
Decimal	15361675
CIE _{Lab}	60.66, 54.45, 5.41
CIE _{LCh}	61, 54.721, 5.674
Yxy	28.8592, 0.4338, 0.2888
Android (android.graphics.Color)	4293551755 (0xFFEA668B)
YUV	145.6860, -3.2962, 77.4514
Hunter-Lab	53.7208, 50.0252, 7.0108

Details

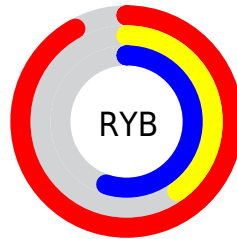
The Yxy color **28.8592, 0.4338, 0.2888** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65.7102, 0.2588, 0.3780**, and the grayscale version is **28.6026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1797, 0.3738, 0.2927**, and **11.5967, 0.4761, 0.2734** is the 20% darker color. If you saturate the color by 10%, you get **24.4377, 0.4692, 0.2850**, and if you desaturate by 10%, it is **34.6573, 0.4025, 0.2948**.

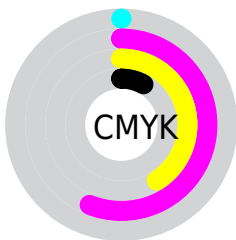
Distribution



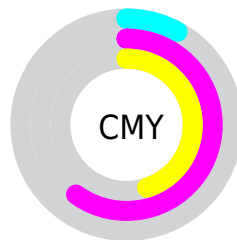
- Red (92%)
- Green (40%)
- Blue (55%)



- Red (92%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (41%)
- Black (8%)




- Cyan (8%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8592, 0.4338, 0.2888 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 28.8592, 0.4338, 0.2888 by changing the saturation by 10% instead.


 28.8592, 0.4338,
0.2888


 28.8592, 0.4338,
0.2888


296.5500, 0.3684,
0.3113


 18.9743, 0.4517,
0.2823


 57.8533, 0.4089,
0.2976


 11.6517, 0.4755,
0.2735


 77.7313, 0.3999,
0.3007

 6.5070, 0.5087,
0.2608


 101.7092, 0.3924,
0.3033

 3.1558, 0.5577,
0.2414

 130.1713, 0.3861,
0.3054

 1.2136, 0.6353,
0.2088

163.5021, 0.3807,
0.3072

 0.0728, 0.9546,
0.0454

202.0858, 0.3761,


 0.0000, 1.0000,

0.3088

0.0000

246.3070, 0.3720,
0.3102


 0.0000, 0.0000,
0.0000


 28.8592, 0.4338,
0.2888


 28.8592, 0.4338,
0.2888


 24.4377, 0.4692,
0.2850


 34.6573, 0.4025,
0.2948


 21.2725, 0.5070,
0.2847


 41.9301, 0.3758,
0.3020


 19.2298, 0.5440,
0.2887

 50.7719, 0.3536,
0.3097

 18.1409, 0.5764,
0.2971

 61.2677, 0.3355,
0.3173

 17.8845, 0.5867,
0.3006

 73.4964, 0.3207,
0.3246

■ 87.5319, 0.3087,
0.3314

■ 96.2354, 0.2999,
0.3290

Harmonies

Analogous

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



28.8592, 0.3454, 0.2384



28.8592, 0.4338, 0.2888



28.8592, 0.4848, 0.3493

Triad

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



28.8592, 0.4338, 0.2888



28.8592, 0.3471, 0.4953



28.8592, 0.1667, 0.2168

Complementary

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



28.8592, 0.4338, 0.2888



65.7102, 0.2588, 0.3780

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.



28.8592, 0.1666, 0.2703



28.8592, 0.4338, 0.2888



28.8592, 0.2641, 0.4539

Square

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



28.8592, 0.4338, 0.2888



28.8592, 0.4255, 0.4704



28.8592, 0.1991, 0.3595



28.8592, 0.1971, 0.1975

Rectangle

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



28.8592, 0.4338, 0.2888



28.8592, 0.4867, 0.3917



28.8592, 0.1991, 0.3595



28.8592, 0.1632, 0.2304

Sweetspot

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



28.8607, 0.4338, 0.2888



73.5436, 0.3366, 0.3168



27.2598, 0.2823, 0.1809



15.1607, 0.3400, 0.3153



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.



28.8607, 0.4338, 0.2888



28.8525, 0.4763, 0.2847



34.5786, 0.4631, 0.3607



15.1235, 0.3249, 0.3224



10.0669, 0.5827, 0.2984



0.8064, 0.5433, 0.2766

Inverse Universe

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



28.8607, 0.4338, 0.2888



28.8525, 0.4763, 0.2847



52.6253, 0.2339, 0.2913



15.1235, 0.3249, 0.3224



10.0669, 0.5827, 0.2984



0.8064, 0.5433, 0.2766

Previews

White Background



This preview shows how the Yxy color 28.8592, 0.4338, 0.2888 looks on a white background.

Color Contrast Check

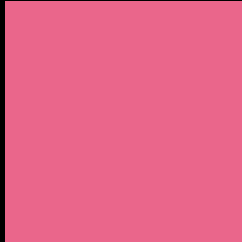
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8592, 0.4338, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

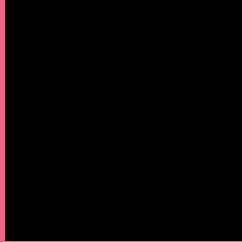
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8592, 0.4338, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 28.8592, 0.4338, 0.2888.



This preview shows how white text looks on a background with the Yxy color 28.8592, 0.4338, 0.2888.

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

28.8592, 0.4338, 0.2888

Protanopia

29.1674, 0.2939, 0.3010

Deuteranopia

28.8502, 0.3488, 0.3413



Tritanopia

28.8861, 0.4631, 0.3218

Trichromacy



Original Color

28.8592, 0.4338, 0.2888

Protanomaly

27.6789, 0.3394, 0.2933

Deuteranomaly

28.0044, 0.3800, 0.3182

Tritanomaly

28.8568, 0.4533, 0.3097

Monochromacy



Original Color

28.8592, 0.4338, 0.2888

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4134, 0.3543, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8592, 0.4338, 0.2888 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(234, 102, 139)` looks like.

```
.text, #text, p{  
    color:rgb(234, 102, 139)  
}
```

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(234, 102, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 102, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.8592, 0.4338, 0.2888 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(234, 102, 139) }
```

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

```
.border{ border-color:rgb(234, 102, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 102, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 102, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 102, 139);  
box-shadow:4px 4px 4px 4px rgb(234, 102,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8592, 0.4338, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 102, 139) }
```

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

```
.background{ background-color: rgb(234,  
102, 139) }
```

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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