

Converting Colors

$Y_{xy}(28.2330, 0.4198, 0.2698)$

Have a look what the booklet for
Yxy(28.2330, 0.4198, 0.2698)
contains.

Yxy(28.2623, 0.4205, 0.2699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.2623, 0.4205, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	EB6097
RGB	235, 96, 151
RGB Percent	92%, 38%, 59%
CMY	0.0784, 0.6235, 0.4078
CMYK	0.00, 0.59, 0.36, 0.08
HSL	336°, 78%, 65%
HSV	336°, 59%, 92%
XYZ	44.0322, 28.2623, 32.4194
YIQ	143.8310, 65.1890, 46.5730

Conversions

Conversions Part 2

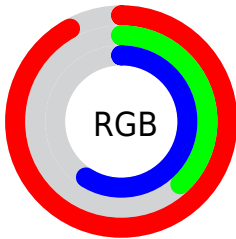
Format	Color
R _{YB}	235, 96, 151
Decimal	15425687
CIE Lab	60.12, 58.76, -2.30
CIE LCh	60, 58.804, 357.758
Yxy	28.2623, 0.4205, 0.2699
Android (android.graphics.Color)	4293615767 (0xFFEB6097)
YUV	143.8310, 3.5343, 79.9552
Hunter-Lab	53.1623, 54.8104, 1.0574

Details

The Yxy color **28.2623, 0.4205, 0.2699** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65.2016, 0.2649, 0.4038**, and the grayscale version is **27.7851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1243, 0.3621, 0.2745**, and **11.2958, 0.4574, 0.2507** is the 20% darker color. If you saturate the color by 10%, you get **24.1636, 0.4500, 0.2644**, and if you desaturate by 10%, it is **33.7007, 0.3941, 0.2782**.

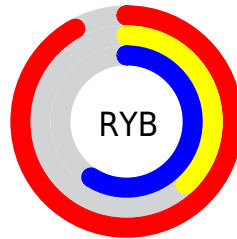
Distribution



Red (92%)

Green (38%)

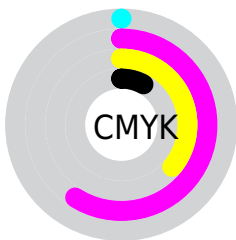
Blue (59%)



Red (92%)

Yellow (38%)

Blue (59%)

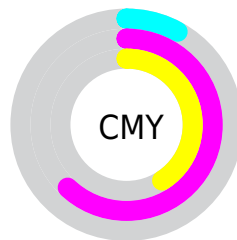


Cyan (0%)

Magenta (59%)

Yellow (36%)

Black (8%)



Cyan (8%)


Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2623, 0.4205, 0.2699 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 28.2623, 0.4205, 0.2699 by changing the saturation by 10% instead.

 28.2623, 0.4205,
0.2699

 28.2623, 0.4205,
0.2699


293.7182, 0.3628,
0.3013


 18.5235, 0.4362,
0.2615


 56.9029, 0.3986,
0.2817

 11.3265, 0.4570,
0.2504


 76.5736, 0.3907,
0.2860

 6.2869, 0.4860,
0.2351


 100.3236, 0.3840,
0.2896

 3.0203, 0.5287,
0.2129

 128.5373, 0.3785,
0.2927

 1.1423, 0.5967,
0.1781

161.5993, 0.3737,
0.2953

 0.0138, 0.8943,
0.0077

199.8938, 0.3696,

 0.0000, 1.0000,

0.2975


0.0000

243.8053, 0.3659,
0.2995


 0.0000, 0.0000,
0.0000

 28.2623, 0.4205,
0.2699

 28.2623, 0.4205,
0.2699


 24.1636, 0.4500,
0.2644


 33.7007, 0.3941,
0.2782


 21.2802, 0.4812,
0.2632

 40.5799, 0.3712,
0.2882

 19.4716, 0.5122,
0.2670


 48.9961, 0.3519,
0.2989


 18.5186, 0.5409,
0.2758


 59.0359, 0.3359,
0.3097

 18.4537, 0.5433,
0.2767

 70.7796, 0.3227,
0.3200

 84.3019, 0.3119,
0.3298

 96.1112, 0.3031,
0.3335

 96.4032, 0.3005,
0.3290

Harmonies

Analogous

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



28.2623, 0.3209, 0.2211



28.2623, 0.4205, 0.2699



28.2623, 0.4898, 0.3314

Triad

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



28.2623, 0.4205, 0.2699



28.2623, 0.3712, 0.5073



28.2623, 0.1543, 0.2194

Complementary

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



28.2623, 0.4205, 0.2699



65.2016, 0.2649, 0.4038

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.



28.2623, 0.1623, 0.2866



28.2623, 0.4205, 0.2699



28.2623, 0.2817, 0.4854

Square

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



28.2623, 0.4205, 0.2699



28.2623, 0.4506, 0.4642



28.2623, 0.2055, 0.3909



28.2623, 0.1778, 0.1911

Rectangle

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



28.2623, 0.4205, 0.2699



28.2623, 0.5023, 0.3756



28.2623, 0.2055, 0.3909



28.2623, 0.1533, 0.2371

Sweetspot

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



28.2638, 0.4205, 0.2699



72.4708, 0.3344, 0.3108



23.9960, 0.2646, 0.1677



14.6976, 0.3386, 0.3077



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.



28.2638, 0.4205, 0.2699



28.2140, 0.4566, 0.2638



29.6381, 0.4868, 0.3440



15.1528, 0.3231, 0.3197



10.2932, 0.5392, 0.2744



0.8267, 0.5024, 0.2541

Inverse Universe

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



28.2638, 0.4205, 0.2699



28.2140, 0.4566, 0.2638



60.2538, 0.2359, 0.3109



15.1528, 0.3231, 0.3197



10.2932, 0.5392, 0.2744



0.8267, 0.5024, 0.2541

Previews

White Background



This preview shows how the Yxy color 28.2623, 0.4205, 0.2699 looks on a white background.

Color Contrast Check

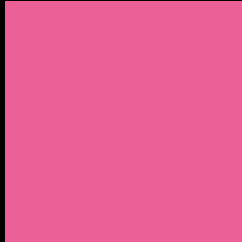
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2623, 0.4205, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

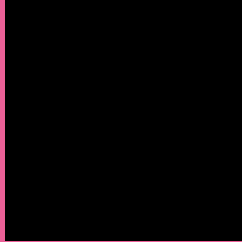
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2623, 0.4205, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 28.2623, 0.4205, 0.2699.



This preview shows how white text looks on a background with the Yxy color 28.2623, 0.4205, 0.2699.

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

28.2623, 0.4205, 0.2699

Protanopia

28.5170, 0.2719, 0.2724

Deuteranopia

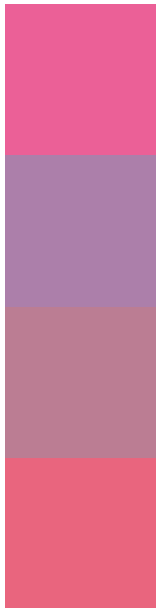
28.5370, 0.3304, 0.3244



Tritanopia

28.2041, 0.4691, 0.3219

Trichromacy



Original Color

28.2623, 0.4205, 0.2699

Protanomaly

26.8517, 0.3178, 0.2679

Deuteranomaly

27.3386, 0.3614, 0.2986

Tritanomaly

28.1374, 0.4513, 0.3022

Monochromacy



Original Color

28.2623, 0.4205, 0.2699

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.6324, 0.3492, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2623, 0.4205, 0.2699 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(235, 96, 151)` looks like.

```
.text, #text, p{  
    color:rgb(235, 96, 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(235, 96, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 96, 151) }
```

Border

The CSS property to change the border of an element to Yxy 28.2623, 0.4205, 0.2699 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(235, 96, 151) }
```

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

```
.border{ border-color:rgb(235, 96, 151) }
```

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

Here you see how a box with a 4 pixel rgb(235, 96, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 96, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 96, 151);  
box-shadow:4px 4px 4px 4px rgb(235, 96,  
151) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.2623, 0.4205, 0.2699$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 96, 151) }
```

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

```
.background{ background-color: rgb(235, 96,  
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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