

Converting Colors

$Y_{xy}(29.3174, 0.3956, 0.2678)$

Have a look what the booklet for
Yxy(29.3174, 0.3956, 0.2678)
contains.

Yxy(29.3843, 0.3959, 0.2688)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.3843, 0.3959, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	E36BA0
RGB	227, 107, 160
RGB Percent	89%, 42%, 63%
CMY	0.1099, 0.5803, 0.3725
CMYK	0.00, 0.53, 0.30, 0.11
HSL	333°, 68%, 65%
HSV	333°, 53%, 89%
XYZ	43.2784, 29.3843, 36.6539
YIQ	148.9220, 54.5070, 41.9230

Conversions

Conversions Part 2

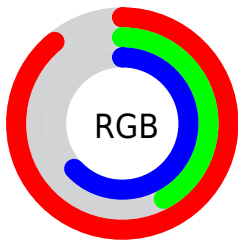
Format	Color
R _{YB}	227, 107, 160
Decimal	14904224
CIE Lab	61.12, 52.25, -6.16
CIE LCh	61, 52.615, 353.272
Yxy	29.3843, 0.3959, 0.2688
Android (android.graphics.Color)	4293094304 (0xFFE36BA0)
YUV	148.9220, 5.4615, 68.4744
Hunter-Lab	54.2073, 47.6495, -2.1456

Details

The Yxy color **29.3843, 0.3959, 0.2688** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.1119, 0.2709, 0.4022**, and the grayscale version is **29.9822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0070, 0.3510, 0.2748**, and **11.8849, 0.4220, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **24.8359, 0.4209, 0.2603**, and if you desaturate by 10%, it is **35.2229, 0.3739, 0.2795**.

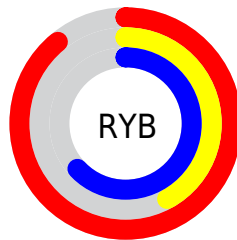
Distribution



Red (89%)

Green (42%)

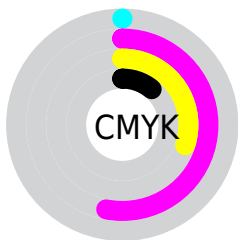
Blue (63%)



Red (89%)

Yellow (42%)

Blue (63%)

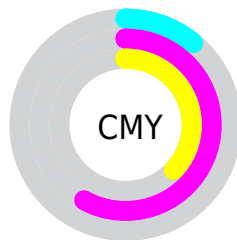


Cyan (0%)

Magenta (53%)

Yellow (30%)

Black (11%)



Cyan (11%)

Magenta (58%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3843, 0.3959, 0.2688 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 29.3843, 0.3959, 0.2688 by changing the saturation by 10% instead.


 29.3843, 0.3959,
0.2688


 29.3843, 0.3959,
0.2688


299.0239, 0.3518,
0.3000

 19.3717, 0.4077,
0.2607


 58.6871, 0.3793,
0.2804


 11.9392, 0.4233,
0.2500


 78.7461, 0.3732,
0.2847

 6.7023, 0.4450,
0.2356


 102.9228, 0.3682,
0.2883

 3.2766, 0.4768,
0.2149

 131.6014, 0.3639,
0.2913

 1.2778, 0.5276,
0.1832

165.1665, 0.3603,
0.2940

 0.1239, 0.6882,
0.0560

204.0023, 0.3571,

 0.0000, 1.0000,

0.2963


0.0000

248.4933, 0.3543,
0.2983

 0.0000, 0.0000,
0.0000

 29.3843, 0.3959,
0.2688


 29.3843, 0.3959,
0.2688


 24.8359, 0.4209,
0.2603

 35.2229, 0.3739,
0.2795


 21.4724, 0.4483,
0.2552

 42.4372, 0.3551,
0.2911


 19.1793, 0.4768,
0.2547


 51.1105, 0.3393,
0.3031


 17.8167, 0.5047,
0.2596

 61.3180, 0.3262,
0.3148

 17.2536, 0.5236,
0.2658

 73.1301, 0.3154,
0.3260

 86.6123, 0.3065,
0.3364

 94.6699, 0.2992,
0.3353

 95.0683, 0.2958,
0.3290

Harmonies

Analogous

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



29.3843, 0.3078, 0.2263



29.3843, 0.3959, 0.2688



29.3843, 0.4634, 0.3245

Triad

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



29.3843, 0.3959, 0.2688



29.3843, 0.3794, 0.4845



29.3843, 0.1682, 0.2385

Complementary

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



29.3843, 0.3959, 0.2688



61.1119, 0.2709, 0.4022

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.



29.3843, 0.1810, 0.3052



29.3843, 0.3959, 0.2688



29.3843, 0.2989, 0.4724

Square

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



29.3843, 0.3959, 0.2688



29.3843, 0.4468, 0.4449



29.3843, 0.2264, 0.3979



29.3843, 0.1856, 0.2065

Rectangle

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



29.3843, 0.3959, 0.2688



29.3843, 0.4812, 0.3650



29.3843, 0.2264, 0.3979



29.3843, 0.1690, 0.2567

Sweetspot

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



29.3858, 0.3959, 0.2688



75.2933, 0.3302, 0.3111



24.9483, 0.2656, 0.1823



15.5202, 0.3329, 0.3086



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.



29.3858, 0.3959, 0.2688



32.0560, 0.4224, 0.2599



29.2039, 0.4632, 0.3362



14.4733, 0.3223, 0.3187



10.0866, 0.5200, 0.2638



0.7638, 0.4837, 0.2438

Inverse Universe

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



29.3858, 0.3959, 0.2688



32.0560, 0.4224, 0.2599



60.3774, 0.2434, 0.3211



14.4733, 0.3223, 0.3187



10.0866, 0.5200, 0.2638



0.7638, 0.4837, 0.2438

Previews

White Background



This preview shows how the Yxy color 29.3843, 0.3959, 0.2688 looks on a white background.

Color Contrast Check

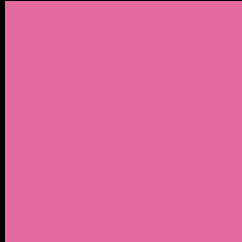
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3843, 0.3959, 0.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

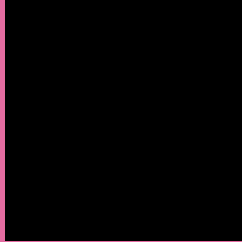
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3843, 0.3959, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 29.3843, 0.3959, 0.2688.



This preview shows how white text looks on a background with the Yxy color 29.3843, 0.3959, 0.2688.

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

29.3843, 0.3959, 0.2688

Protanopia

29.5062, 0.2700, 0.2689

Deuteranopia

29.3489, 0.3188, 0.3124



Tritanopia

29.5388, 0.4382, 0.3201

Trichromacy



Original Color

29.3843, 0.3959, 0.2688

Protanomaly

28.2229, 0.3082, 0.2655

Deuteranomaly

28.5559, 0.3462, 0.2929

Tritanomaly

29.3735, 0.4237, 0.3014

Monochromacy



Original Color

29.3843, 0.3959, 0.2688

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.6972, 0.3409, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3843, 0.3959, 0.2688 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(227, 107, 160)` looks like.

```
.text, #text, p{  
    color:rgb(227, 107, 160)  
}
```

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(227, 107, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 107, 160) }
```

Border

The CSS property to change the border of an element to Yxy 29.3843, 0.3959, 0.2688 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(227, 107, 160) }
```

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

```
.border{ border-color:rgb(227, 107, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 107, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 107, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 107, 160); box-shadow:4px 4px 4px 4px rgb(227, 107, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3843, 0.3959, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 107, 160) }
```

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

```
.background{ background-color: rgb(227,  
107, 160) }
```

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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