

Converting Colors

$Y_{xy}(30.7033, 0.3951, 0.2804)$

Have a look what the booklet for
Yxy(30.7033, 0.3951, 0.2804)
contains.

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Color

Yxy(30.7033, 0.3951, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	E1739D
RGB	225, 115, 157
RGB Percent	88%, 45%, 62%
CMY	0.1177, 0.5489, 0.3844
CMYK	0.00, 0.49, 0.30, 0.12
HSL	337°, 65%, 67%
HSV	337°, 49%, 88%
XYZ	43.2627, 30.7033, 35.5322
YIQ	152.6780, 52.0780, 36.3820

Conversions

Conversions Part 2

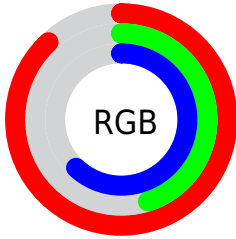
Format	Color
R _Y B	225, 115, 157
Decimal	14775197
CIE Lab	62.26, 47.31, -2.77
CIE LCh	62, 47.386, 356.649
Yxy	30.7033, 0.3951, 0.2804
Android (android.graphics.Color)	4292965277 (0xFFE1739D)
YUV	152.6780, 2.1307, 63.4264
Hunter-Lab	55.4106, 42.3985, 0.7675

Details

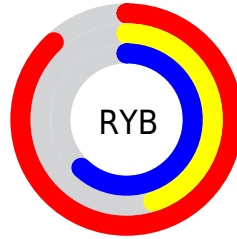
The Yxy color **30.7033, 0.3951, 0.2804** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.9095, 0.2696, 0.3860**, and the grayscale version is **31.6832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7126, 0.3532, 0.2869**, and **12.7013, 0.4223, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **25.7353, 0.4221, 0.2724**, and if you desaturate by 10%, it is **36.9806, 0.3718, 0.2900**.

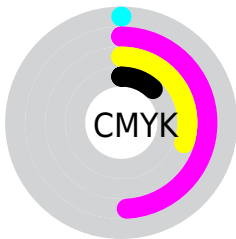
Distribution



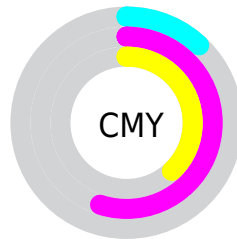
- Red (88%)
- Green (45%)
- Blue (62%)



- Red (88%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7033, 0.3951, 0.2804 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 30.7033, 0.3951, 0.2804 by changing the saturation by 10% instead.

 30.7033, 0.3951,
0.2804


 30.7033, 0.3951,
0.2804


305.1691, 0.3514,
0.3059


 20.3730, 0.4068,
0.2737


 60.7726, 0.3786,
0.2899

 12.6665, 0.4224,
0.2648


 81.2805, 0.3726,
0.2934

 7.1993, 0.4440,
0.2526

 105.9497, 0.3676,
0.2964

 3.5870, 0.4758,
0.2349

135.1646, 0.3634,
0.2988

 1.4454, 0.5268,
0.2071

169.3095, 0.3597,
0.3010

 0.2498, 0.6801,
0.1117


208.7690, 0.3566,


 0.0000, 1.0000,


0.3028


0.0000


253.9274, 0.3538,
0.3045

 0.0000, 0.0000,
0.0000

 30.7033, 0.3951,
0.2804


 30.7033, 0.3951,
0.2804


 25.7353, 0.4221,
0.2724

 36.9806, 0.3718,
0.2900


 21.9773, 0.4522,
0.2671

 44.6475, 0.3522,
0.3003

 19.3236, 0.4842,
0.2659

 53.7835, 0.3359,
0.3107

 17.6474, 0.5160,
0.2697

 64.4606, 0.3226,
0.3206

 16.7548, 0.5453,
0.2784

 76.7459, 0.3116,
0.3300

■ 16.6746, 0.5485,
0.2795

■ 90.7029, 0.3026,
0.3387

■ 94.7054, 0.2950,
0.3296

■ 94.7453, 0.2946,
0.3289

Harmonies

Analogous

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



30.7033, 0.3176, 0.2395



30.7033, 0.3951, 0.2804



30.7033, 0.4508, 0.3326

Triad

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



30.7033, 0.3951, 0.2804



30.7033, 0.3665, 0.4687



30.7033, 0.1820, 0.2438

Complementary

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



30.7033, 0.3951, 0.2804



60.9095, 0.2696, 0.3860

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.



30.7033, 0.1912, 0.3008



30.7033, 0.3951, 0.2804



30.7033, 0.2937, 0.4493

Square

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



30.7033, 0.3951, 0.2804



30.7033, 0.4287, 0.4401



30.7033, 0.2299, 0.3806



30.7033, 0.2011, 0.2169

Rectangle

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



30.7033, 0.3951, 0.2804



30.7033, 0.4636, 0.3700



30.7033, 0.2299, 0.3806



30.7033, 0.1819, 0.2594

Sweetspot

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



30.7048, 0.3951, 0.2804



76.5458, 0.3306, 0.3145



27.7483, 0.2772, 0.1961



15.7614, 0.3335, 0.3124



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.



30.7048, 0.3951, 0.2804



33.8785, 0.4236, 0.2720



32.6427, 0.4413, 0.3443



13.7866, 0.3232, 0.3201



9.6310, 0.5444, 0.2773



0.6846, 0.5027, 0.2543

Inverse Universe

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



30.7048, 0.3951, 0.2804



33.8785, 0.4236, 0.2720



56.2471, 0.2455, 0.3121



13.7866, 0.3232, 0.3201



9.6310, 0.5444, 0.2773



0.6846, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 30.7033, 0.3951, 0.2804 looks on a white background.

Color Contrast Check

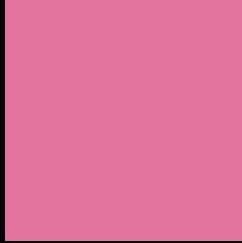
Large Text (above 18pt) WCAG AA × Fail

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 30.7033, 0.3951, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

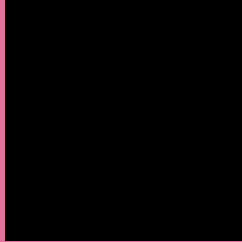
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7033, 0.3951, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 30.7033, 0.3951, 0.2804.



This preview shows how white text looks on a background with the Yxy color 30.7033, 0.3951, 0.2804.

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

30.7033, 0.3951, 0.2804

Protanopia

31.0871, 0.2823, 0.2856

Deuteranopia

30.8241, 0.3268, 0.3201



Tritanopia

30.5475, 0.4256, 0.3187

Trichromacy



Original Color

30.7033, 0.3951, 0.2804

Protanomaly

29.8303, 0.3181, 0.2812

Deuteranomaly

30.2258, 0.3507, 0.3029

Tritanomaly

30.5089, 0.4149, 0.3045

Monochromacy



Original Color

30.7033, 0.3951, 0.2804

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.3820, 0.3410, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7033, 0.3951, 0.2804 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(225, 115, 157)` looks like.

```
.text, #text, p{  
    color:rgb(225, 115, 157)  
}
```

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(225, 115, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 115, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.7033, 0.3951, 0.2804 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(225, 115, 157) }
```

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

```
.border{ border-color:rgb(225, 115, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 115, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 115, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 115, 157);  
box-shadow:4px 4px 4px 4px rgb(225, 115,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7033, 0.3951, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 115, 157) }
```

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

```
.background{ background-color: rgb(225,  
115, 157) }
```

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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