

Converting Colors

$Yxy(29.9601, 0.4187, 0.2963)$

Have a look what the booklet for
Yxy(29.9601, 0.4187, 0.2963)
contains.

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Color

Yxy(30.0642, 0.4188, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	E3718D
RGB	227, 113, 141
RGB Percent	89%, 44%, 55%
CMY	0.1098, 0.5569, 0.4470
CMYK	0.00, 0.50, 0.38, 0.11
HSL	345°, 67%, 67%
HSV	345°, 50%, 89%
XYZ	42.3936, 30.0642, 28.7685
YIQ	150.2780, 58.9560, 32.8760

Conversions

Conversions Part 2

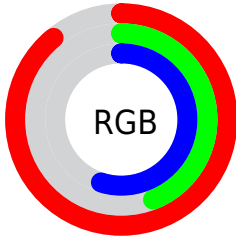
Format	Color
R _Y B	227, 113, 141
Decimal	14905741
CIE Lab	61.71, 47.07, 5.65
CIE LCh	62, 47.406, 6.840
Yxy	30.0642, 0.4188, 0.2970
Android (android.graphics.Color)	4293095821 (0xFFE3718D)
YUV	150.2780, -4.5741, 67.2852
Hunter-Lab	54.8308, 42.0569, 7.2735

Details

The Yxy color **30.0642, 0.4188, 0.2970** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **62.5776, 0.2609, 0.3661**, and the grayscale version is **30.6251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1603, 0.3692, 0.3020**, and **12.3119, 0.4549, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **25.1473, 0.4536, 0.2925**, and if you desaturate by 10%, it is **36.3295, 0.3888, 0.3030**.

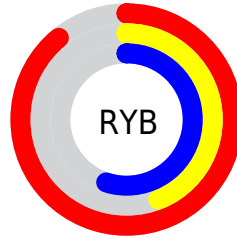
Distribution



Red (89%)

Green (44%)

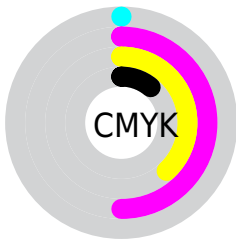
Blue (55%)



Red (89%)

Yellow (44%)

Blue (55%)

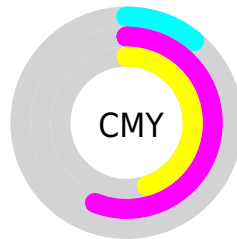


Cyan (0%)

Magenta (50%)

Yellow (38%)

Black (11%)



Cyan (11%)


Magenta (56%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0642, 0.4188, 0.2970 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 30.0642, 0.4188, 0.2970 by changing the saturation by 10% instead.


 30.0642, 0.4188,
0.2970


 30.0642, 0.4188,
0.2970

302.2036, 0.3618,
0.3150


 19.8873, 0.4344,
0.2918


 59.7637, 0.3971,
0.3040

 12.3132, 0.4551,
0.2847


 80.0551, 0.3892,
0.3065

 6.9573, 0.4841,
0.2745


 104.4868, 0.3827,
0.3086

 3.4354, 0.5271,
0.2586

133.4432, 0.3772,
0.3103

 1.3631, 0.5959,
0.2314

167.3087, 0.3725,
0.3117

 0.1893, 0.8830,
0.1170

206.4676, 0.3684,


 0.0000, 1.0000,

0.3130


0.0000


251.3045, 0.3649,
0.3140

 0.0000, 0.0000,
0.0000

 30.0642, 0.4188,
0.2970


 30.0642, 0.4188,
0.2970


 25.1473, 0.4536,
0.2925


 36.3295, 0.3888,
0.3030


 21.4745, 0.4920,
0.2906


 44.0284, 0.3638,
0.3096


 18.9331, 0.5315,
0.2921

 53.2444, 0.3432,
0.3163

 17.3881, 0.5680,
0.2979

 64.0531, 0.3265,
0.3228

 16.6155, 0.5974,
0.3065

 76.5253, 0.3130,
0.3289

■ 90.7273, 0.3020,
0.3345

■ 95.0723, 0.2958,
0.3290

Harmonies

Analogous

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



30.0642, 0.3446, 0.2512



30.0642, 0.4188, 0.2970



30.0642, 0.4611, 0.3516

Triad

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



30.0642, 0.4188, 0.2970



30.0642, 0.3421, 0.4696



30.0642, 0.1846, 0.2307

Complementary

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



30.0642, 0.4188, 0.2970



62.5776, 0.2609, 0.3661

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.



30.0642, 0.1840, 0.2776



30.0642, 0.4188, 0.2970



30.0642, 0.2696, 0.4310

Square

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



30.0642, 0.4188, 0.2970



30.0642, 0.4105, 0.4545



30.0642, 0.2128, 0.3526



30.0642, 0.2133, 0.2134

Rectangle

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



30.0642, 0.4188, 0.2970



30.0642, 0.4628, 0.3894



30.0642, 0.2128, 0.3526



30.0642, 0.1813, 0.2429

Sweetspot

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



30.0657, 0.4188, 0.2970



76.2559, 0.3342, 0.3196



29.4315, 0.2905, 0.1979



15.6921, 0.3378, 0.3183



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.



30.0657, 0.4188, 0.2970



32.6438, 0.4542, 0.2925



36.7228, 0.4367, 0.3623



14.4258, 0.3254, 0.3232



9.7049, 0.5938, 0.3045



0.7317, 0.5525, 0.2817

Inverse Universe

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



30.0657, 0.4188, 0.2970



32.6438, 0.4542, 0.2925



49.6774, 0.2400, 0.2909



14.4258, 0.3254, 0.3232



9.7049, 0.5938, 0.3045



0.7317, 0.5525, 0.2817

Previews

White Background



This preview shows how the Yxy color 30.0642, 0.4188, 0.2970 looks on a white background.

Color Contrast Check

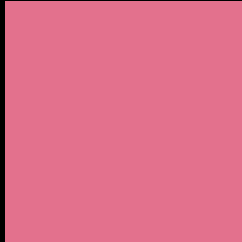
Large Text (above 18pt) WCAG AA × Fail

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 30.0642, 0.4188, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

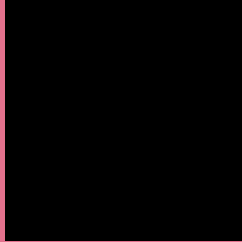
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0642, 0.4188, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 30.0642, 0.4188, 0.2970.



This preview shows how white text looks on a background with the Yxy color 30.0642, 0.4188, 0.2970.

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

30.0642, 0.4188, 0.2970

Protanopia

30.4577, 0.3016, 0.3106

Deuteranopia

30.1591, 0.3481, 0.3411



Tritanopia

30.1148, 0.4385, 0.3201

Trichromacy



Original Color

30.0642, 0.4188, 0.2970

Protanomaly

29.2885, 0.3394, 0.3033

Deuteranomaly

29.5572, 0.3730, 0.3223

Tritanomaly

30.0419, 0.4312, 0.3120

Monochromacy



Original Color

30.0642, 0.4188, 0.2970

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4629, 0.3480, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0642, 0.4188, 0.2970 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, 113, 141)` looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 141)  
}
```

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, 113, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 141) }
```

Border

The CSS property to change the border of an element to Yxy 30.0642, 0.4188, 0.2970 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, 113, 141) }
```

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

```
.border{ border-color:rgb(227, 113, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 113, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 113, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 113, 141);  
box-shadow:4px 4px 4px 4px rgb(227, 113,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0642, 0.4188, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 113, 141) }
```

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

```
.background{ background-color: rgb(227,  
113, 141) }
```

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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