

Converting Colors

$Y_{xy}(29.0162, 0.4276, 0.2986)$

Have a look what the booklet for
Yxy(29.0162, 0.4276, 0.2986)
contains.

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Color

Yxy(29.0457, 0.4273, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	E36D88
RGB	227, 109, 136
RGB Percent	89%, 43%, 53%
CMY	0.1098, 0.5725, 0.4667
CMYK	0.00, 0.52, 0.40, 0.11
HSL	346°, 68%, 66%
HSV	346°, 52%, 89%
XYZ	41.5926, 29.0457, 26.6999
YIQ	147.3600, 61.6610, 33.4130

Conversions

Conversions Part 2

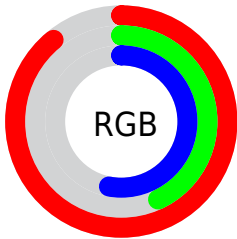
Format	Color
R _Y B	227, 109, 136
Decimal	14904712
CIE Lab	60.82, 48.47, 7.27
CIE LCh	61, 49.015, 8.528
Yxy	29.0457, 0.4273, 0.2984
Android (android.graphics.Color)	4293094792 (0xFFE36D88)
YUV	147.3600, -5.6005, 69.8443
Hunter-Lab	53.8941, 43.4422, 8.3528

Details

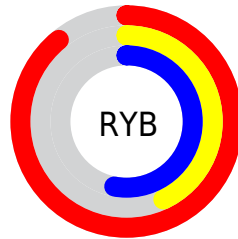
The Yxy color **29.0457, 0.4273, 0.2984** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **62.3668, 0.2586, 0.3648**, and the grayscale version is **29.3390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4850, 0.3749, 0.3030**, and **11.7291, 0.4684, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **24.3555, 0.4638, 0.2947**, and if you desaturate by 10%, it is **35.0707, 0.3956, 0.3037**.

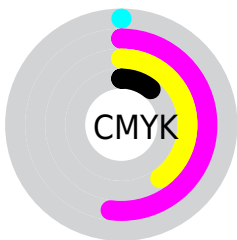
Distribution



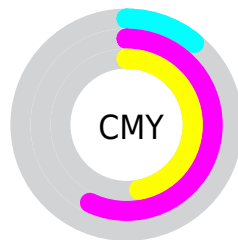
- Red (89%)
- Green (43%)
- Blue (53%)



- Red (89%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (11%)




- Cyan (11%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0457, 0.4273, 0.2984 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 29.0457, 0.4273, 0.2984 by changing the saturation by 10% instead.


 29.0457, 0.4273,
0.2984


 29.0457, 0.4273,
0.2984


297.4305, 0.3653,
0.3160

 19.1154, 0.4443,
0.2932


 58.1497, 0.4036,
0.3054


 11.7537, 0.4671,
0.2859


 78.0922, 0.3951,
0.3079

 6.5762, 0.4990,
0.2752


 102.1408, 0.3880,
0.3098

 3.1985, 0.5463,
0.2584

 130.6800, 0.3820,
0.3115

 1.2362, 0.6230,
0.2293

164.0942, 0.3769,
0.3129

 0.0910, 0.9367,
0.0633

202.7678, 0.3725,

 0.0000, 1.0000,

0.3141


0.0000

247.0851, 0.3687,
0.3151

 0.0000, 0.0000,
0.0000


 29.0457, 0.4273,
0.2984

 29.0457, 0.4273,
0.2984

 24.3555, 0.4638,
0.2947


 35.0707, 0.3956,
0.3037


 20.8932, 0.5035,
0.2935

 42.5176, 0.3691,
0.3098

 18.5430, 0.5435,
0.2960

 51.4712, 0.3473,
0.3161

 17.1643, 0.5792,
0.3023

 62.0085, 0.3296,
0.3222

 16.5797, 0.6024,
0.3092

 74.2013, 0.3152,
0.3279

■ 88.1167, 0.3036,
0.3332

■ 95.0726, 0.2958,
0.3290

Harmonies

Analogous

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



29.0457, 0.3505, 0.2504



29.0457, 0.4273, 0.2984



29.0457, 0.4688, 0.3551

Triad

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



29.0457, 0.4273, 0.2984



29.0457, 0.3383, 0.4758



29.0457, 0.1807, 0.2247

Complementary

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



29.0457, 0.4273, 0.2984



62.3668, 0.2586, 0.3648

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.



29.0457, 0.1783, 0.2713



29.0457, 0.4273, 0.2984



29.0457, 0.2634, 0.4324

Square

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



29.0457, 0.4273, 0.2984



29.0457, 0.4104, 0.4615



29.0457, 0.2060, 0.3485



29.0457, 0.2118, 0.2088

Rectangle

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



29.0457, 0.4273, 0.2984



29.0457, 0.4683, 0.3941



29.0457, 0.2060, 0.3485



29.0457, 0.1767, 0.2366

Sweetspot

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



29.0472, 0.4273, 0.2984



74.8107, 0.3364, 0.3197



28.6913, 0.2913, 0.1943



15.4059, 0.3401, 0.3184



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.



29.0472, 0.4273, 0.2984



31.4857, 0.4654, 0.2946



36.3307, 0.4416, 0.3655



14.4217, 0.3257, 0.3236



9.6830, 0.5989, 0.3073



0.7295, 0.5581, 0.2848

Inverse Universe

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



29.0472, 0.4273, 0.2984



31.4857, 0.4654, 0.2946



48.0712, 0.2373, 0.2866



14.4217, 0.3257, 0.3236



9.6830, 0.5989, 0.3073



0.7295, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 29.0457, 0.4273, 0.2984 looks on a white background.

Color Contrast Check

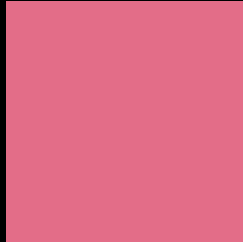
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0457, 0.4273, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

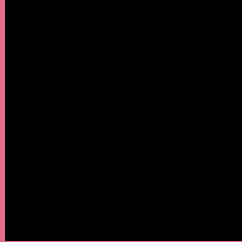
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0457, 0.4273, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 29.0457, 0.4273, 0.2984.



This preview shows how white text looks on a background with the Yxy color 29.0457, 0.4273, 0.2984.

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

29.0457, 0.4273, 0.2984

Protanopia

29.1951, 0.3033, 0.3118

Deuteranopia

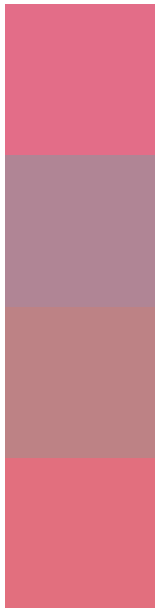
29.2002, 0.3518, 0.3458



Tritanopia

29.1132, 0.4460, 0.3202

Trichromacy



Original Color

29.0457, 0.4273, 0.2984

Protanomaly

28.1751, 0.3444, 0.3059

Deuteranomaly

28.4775, 0.3790, 0.3250

Tritanomaly

29.0440, 0.4386, 0.3121

Monochromacy



Original Color

29.0457, 0.4273, 0.2984

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

27.9883, 0.3512, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0457, 0.4273, 0.2984 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, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 109, 136)  
}
```

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, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 109, 136) }
```

Border

The CSS property to change the border of an element to Yxy 29.0457, 0.4273, 0.2984 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, 109, 136) }
```

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

```
.border{ border-color:rgb(227, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 109,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0457, 0.4273, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 109, 136) }
```

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

```
.background{ background-color: rgb(227,  
109, 136) }
```

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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