

Converting Colors

$Y_{xy}(29.0440, 0.4386, 0.3121)$

Have a look what the booklet for
Yxy(29.0440, 0.4386, 0.3121)
contains.

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Color

Yxy(29.0440, 0.4386, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	E26F7E
RGB	226, 111, 126
RGB Percent	89%, 44%, 49%
CMY	0.1137, 0.5647, 0.5058
CMYK	0.00, 0.51, 0.44, 0.11
HSL	352°, 66%, 66%
HSV	352°, 51%, 89%
XYZ	40.8161, 29.0440, 23.1998
YIQ	147.0950, 63.7250, 29.0450

Conversions

Conversions Part 2

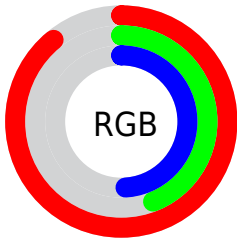
Format	Color
R_{YB}	226, 111, 126
Decimal	14839678
CIE _{Lab}	60.82, 46.10, 12.99
CIE _{LCh}	61, 47.899, 15.740
Yxy	29.0440, 0.4386, 0.3121
Android (android.graphics.Color)	4293029758 (0xFFE26F7E)
YUV	147.0950, -10.3998, 69.1997
Hunter-Lab	53.8925, 40.8771, 12.2014

Details

The Yxy color **29.0440, 0.4386, 0.3121** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.4764, 0.2539, 0.3485**, and the grayscale version is **29.2443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4249, 0.3842, 0.3145**, and **11.7774, 0.4834, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **24.2632, 0.4796, 0.3102**, and if you desaturate by 10%, it is **35.1748, 0.4030, 0.3150**.

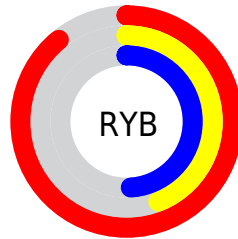
Distribution



Red (89%)

Green (44%)

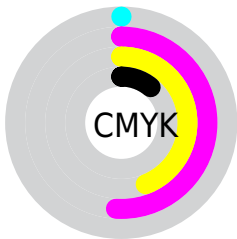
Blue (49%)



Red (89%)

Yellow (44%)

Blue (49%)

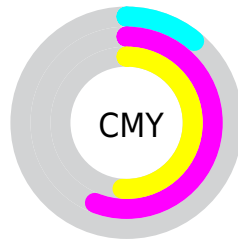


Cyan (0%)

Magenta (51%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0440, 0.4386, 0.3121 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 29.0440, 0.4386, 0.3121 by changing the saturation by 10% instead.


 29.0440, 0.4386,
0.3121


 29.0440, 0.4386,
0.3121


297.4225, 0.3703,
0.3233


 19.1141, 0.4574,
0.3082


 58.1470, 0.4125,
0.3169

 11.7528, 0.4825,
0.3026


 78.0889, 0.4031,
0.3185

 6.5756, 0.5175,
0.2937


 102.1369, 0.3952,
0.3197

 3.1981, 0.5689,
0.2785

 130.6754, 0.3887,
0.3207

 1.2360, 0.6633,
0.2550

164.0888, 0.3831,
0.3216

 0.0908, 0.9332,
0.0668

202.7616, 0.3782,

 0.0000, 1.0000,

0.3222

0.0000

247.0780, 0.3740,
0.3228

■ 0.0000, 0.0000,
0.0000

■ 29.0440, 0.4386,
0.3121

■ 29.0440, 0.4386,
0.3121

■ 24.2632, 0.4796,
0.3102

■ 35.1748, 0.4030,
0.3150

■ 20.7261, 0.5237,
0.3100

■ 42.7426, 0.3734,
0.3185

■ 18.3178, 0.5667,
0.3122

■ 51.8320, 0.3492,
0.3220

■ 16.8997, 0.6026,
0.3168

■ 62.5202, 0.3296,
0.3255

■ 16.2605, 0.6253,
0.3218

■ 74.8789, 0.3139,
0.3287

■ 88.9754, 0.3013,
0.3317

■ 94.9092, 0.2952,
0.3289

Harmonies

Analogous

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



29.0440, 0.3693, 0.2621



29.0440, 0.4386, 0.3121



29.0440, 0.4678, 0.3688

Triad

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



29.0440, 0.4386, 0.3121



29.0440, 0.3200, 0.4674



29.0440, 0.1880, 0.2205

Complementary

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



29.0440, 0.4386, 0.3121



62.4764, 0.2539, 0.3485

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.



29.0440, 0.1788, 0.2588



29.0440, 0.4386, 0.3121



29.0440, 0.2489, 0.4120

Square

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



29.0440, 0.4386, 0.3121



29.0440, 0.3930, 0.4663



29.0440, 0.1989, 0.3281



29.0440, 0.2253, 0.2112

Rectangle

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



29.0440, 0.4386, 0.3121



29.0440, 0.4598, 0.4068



29.0440, 0.1989, 0.3281



29.0440, 0.1818, 0.2298

Sweetspot

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



29.0455, 0.4386, 0.3121



76.0172, 0.3374, 0.3240



30.6607, 0.3033, 0.2013



15.6353, 0.3415, 0.3233



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.



29.0455, 0.4386, 0.3121



31.6195, 0.4818, 0.3102



40.1549, 0.4299, 0.3781



13.7295, 0.3272, 0.3260



9.2860, 0.6227, 0.3204



0.6532, 0.5879, 0.3012

Inverse Universe

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



29.0455, 0.4386, 0.3121



31.6195, 0.4818, 0.3102



43.0837, 0.2355, 0.2714



13.7295, 0.3272, 0.3260



9.2860, 0.6227, 0.3204



0.6532, 0.5879, 0.3012

Previews

White Background



This preview shows how the Yxy color 29.0440, 0.4386, 0.3121 looks on a white background.

Color Contrast Check

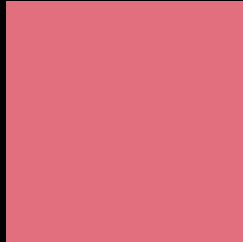
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0440, 0.4386, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

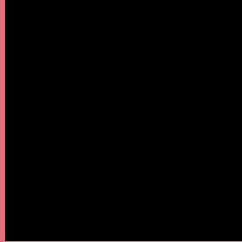
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0440, 0.4386, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 29.0440, 0.4386, 0.3121.



This preview shows how white text looks on a background with the Yxy color 29.0440, 0.4386, 0.3121.

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

29.0440, 0.4386, 0.3121

Protanopia

29.3958, 0.3178, 0.3322

Deuteranopia

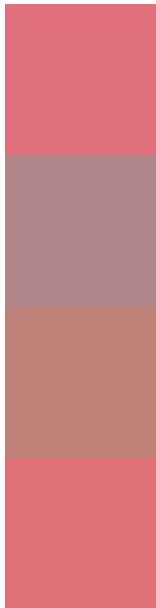
29.0882, 0.3676, 0.3591



Tritanopia

29.1132, 0.4460, 0.3202

Trichromacy



Original Color

29.0440, 0.4386, 0.3121

Protanomaly

28.3501, 0.3589, 0.3233

Deuteranomaly

28.4717, 0.3933, 0.3389

Tritanomaly

29.1622, 0.4434, 0.3179

Monochromacy



Original Color

29.0440, 0.4386, 0.3121

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1444, 0.3555, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0440, 0.4386, 0.3121 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(226, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(226, 111, 126)  
}
```

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(226, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 111, 126) }
```

Border

The CSS property to change the border of an element to Yxy 29.0440, 0.4386, 0.3121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

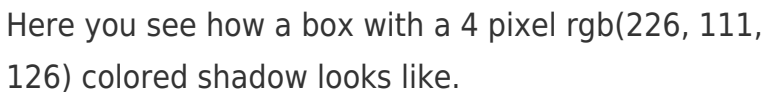
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 111, 126) }
```

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

```
.border{ border-color:rgb(226, 111, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 111, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 111, 126); box-shadow:4px 4px 4px 4px rgb(226, 111, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0440, 0.4386, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 111, 126) }
```

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

```
.background{ background-color: rgb(226,  
111, 126) }
```

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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