

Converting Colors

$Y_{xy}(29.2506, 0.4335, 0.3089)$

Have a look what the booklet for
Yxy(29.2506, 0.4335, 0.3089)
contains.

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Color

Yxy(29.3421, 0.4341, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	E27081
RGB	226, 112, 129
RGB Percent	89%, 44%, 51%
CMY	0.1138, 0.5607, 0.4942
CMYK	0.00, 0.50, 0.43, 0.11
HSL	351°, 66%, 66%
HSV	351°, 50%, 89%
XYZ	41.1149, 29.3421, 24.2560
YIQ	148.0240, 62.4870, 29.4550

Conversions

Conversions Part 2

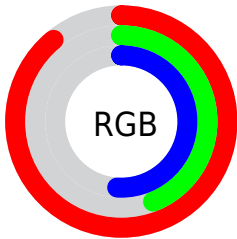
Format	Color
R_{YB}	226, 112, 129
Decimal	14839937
CIE _{Lab}	61.08, 45.89, 11.66
CIE _{LCh}	61, 47.350, 14.255
Yxy	29.3421, 0.4341, 0.3098
Android (android.graphics.Color)	4293030017 (0xFFE27081)
YUV	148.0240, -9.3788, 68.3850
Hunter-Lab	54.1683, 40.6907, 11.3684

Details

The Yxy color **29.3421, 0.4341, 0.3098** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.4339, 0.2552, 0.3511**, and the grayscale version is **29.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9098, 0.3811, 0.3124**, and **11.9226, 0.4765, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **24.5016, 0.4740, 0.3075**, and if you desaturate by 10%, it is **35.5332, 0.3996, 0.3132**.

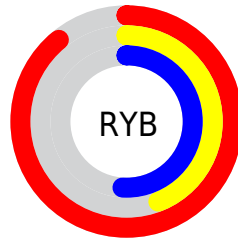
Distribution



Red (89%)

Green (44%)

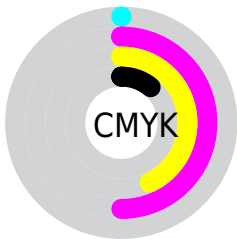
Blue (51%)



Red (89%)

Yellow (44%)

Blue (51%)

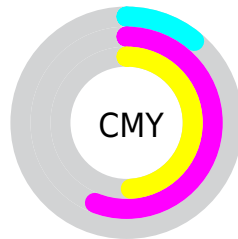


Cyan (0%)

Magenta (50%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3421, 0.4341, 0.3098 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 29.3421, 0.4341, 0.3098 by changing the saturation by 10% instead.


 29.3421, 0.4341,
0.3098

 29.3421, 0.4341,
0.3098


298.8257, 0.3683,
0.3220

 19.3398, 0.4522,
0.3058


 58.6202, 0.4090,
0.3149

 11.9160, 0.4763,
0.3000


 78.6647, 0.3999,
0.3166

 6.6865, 0.5099,
0.2910


 102.8254, 0.3924,
0.3180

 3.2668, 0.5596,
0.2761

 131.4867, 0.3861,
0.3191

 1.2726, 0.6459,
0.2513

165.0330, 0.3807,
0.3200

 0.1198, 0.9155,
0.0845

203.8487, 0.3760,


 0.0000, 1.0000,


0.3208


0.0000


248.3181, 0.3719,
0.3214


 0.0000, 0.0000,
0.0000


 29.3421, 0.4341,
0.3098


 29.3421, 0.4341,
0.3098


 24.5016, 0.4740,
0.3075


 35.5332, 0.3996,
0.3132


 20.9063, 0.5173,
0.3070


 43.1608, 0.3709,
0.3172


 18.4426, 0.5601,
0.3091


 52.3093, 0.3475,
0.3212


 16.9737, 0.5967,
0.3140

 63.0549, 0.3285,
0.3252

 16.2790, 0.6219,
0.3200

 75.4689, 0.3133,
0.3289

 89.6183, 0.3010,
0.3322

 94.9057, 0.2952,
0.3289

Harmonies

Analogous

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



29.3421, 0.3646, 0.2608



29.3421, 0.4341, 0.3098



29.3421, 0.4653, 0.3658

Triad

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



29.3421, 0.4341, 0.3098



29.3421, 0.3238, 0.4664



29.3421, 0.1884, 0.2231

Complementary

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



29.3421, 0.4341, 0.3098



62.4339, 0.2552, 0.3511

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.



29.3421, 0.1807, 0.2626



29.3421, 0.4341, 0.3098



29.3421, 0.2530, 0.4144

Square

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



29.3421, 0.4341, 0.3098



29.3421, 0.3954, 0.4631



29.3421, 0.2022, 0.3322



29.3421, 0.2240, 0.2125

Rectangle

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



29.3421, 0.4341, 0.3098



29.3421, 0.4591, 0.4034



29.3421, 0.2022, 0.3322



29.3421, 0.1827, 0.2329

Sweetspot

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



29.3436, 0.4341, 0.3098



76.0544, 0.3369, 0.3234



30.6225, 0.3015, 0.2017



15.6442, 0.3409, 0.3225



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.



29.3436, 0.4341, 0.3098



31.6889, 0.4781, 0.3073



39.7631, 0.4297, 0.3756



13.7336, 0.3269, 0.3255



9.2996, 0.6190, 0.3184



0.6552, 0.5815, 0.2977

Inverse Universe

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



29.3436, 0.4341, 0.3098



31.6889, 0.4781, 0.3073



44.0947, 0.2366, 0.2747



13.7336, 0.3269, 0.3255



9.2996, 0.6190, 0.3184



0.6552, 0.5815, 0.2977

Previews

White Background



This preview shows how the Yxy color 29.3421, 0.4341, 0.3098 looks on a white background.

Color Contrast Check

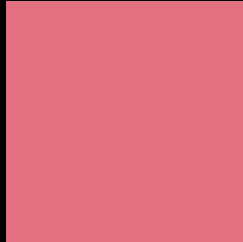
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3421, 0.4341, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

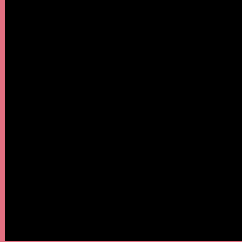
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3421, 0.4341, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 29.3421, 0.4341, 0.3098.



This preview shows how white text looks on a background with the Yxy color 29.3421, 0.4341, 0.3098.

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

29.3421, 0.4341, 0.3098

Protanopia

29.4896, 0.3149, 0.3274

Deuteranopia

29.4592, 0.3639, 0.3561



Tritanopia

29.1983, 0.4431, 0.3202

Trichromacy



Original Color

29.3421, 0.4341, 0.3098

Protanomaly

28.4383, 0.3555, 0.3190

Deuteranomaly

28.8153, 0.3892, 0.3361

Tritanomaly

29.2730, 0.4391, 0.3166

Monochromacy



Original Color

29.3421, 0.4341, 0.3098

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.4811, 0.3529, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3421, 0.4341, 0.3098 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, 112, 129)` looks like.

```
.text, #text, p{  
    color:rgb(226, 112, 129)  
}
```

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, 112, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 112, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.3421, 0.4341, 0.3098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

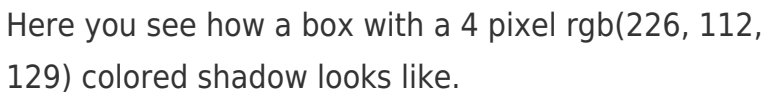
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 112, 129) }
```

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

```
.border{ border-color:rgb(226, 112, 129) }
```

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



Here you see how a box with a 4 pixel rgb(226, 112, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 112, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 112, 129); box-shadow:4px 4px 4px 4px rgb(226, 112, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3421, 0.4341, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 112, 129) }
```

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

```
.background{ background-color: rgb(226,  
112, 129) }
```

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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