

Converting Colors

$Y_{xy}(29.2481, 0.4396, 0.3145)$

Have a look what the booklet for
Yxy(29.2481, 0.4396, 0.3145)
contains.

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Color

Yxy(29.2378, 0.4394, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	E2707D
RGB	226, 112, 125
RGB Percent	89%, 44%, 49%
CMY	0.1137, 0.5608, 0.5098
CMYK	0.00, 0.50, 0.45, 0.11
HSL	353°, 66%, 66%
HSV	353°, 50%, 89%
XYZ	40.8622, 29.2378, 22.8955
YIQ	147.5680, 63.7710, 28.2110

Conversions

Conversions Part 2

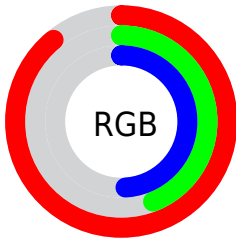
Format	Color
R _Y B	226, 112, 125
Decimal	14839933
CIE Lab	60.99, 45.51, 13.81
CIE LCh	61, 47.560, 16.883
Yxy	29.2378, 0.4394, 0.3144
Android (android.graphics.Color)	4293030013 (0xFFE2707D)
YUV	147.5680, -11.1260, 68.7849
Hunter-Lab	54.0720, 40.2666, 12.7454

Details

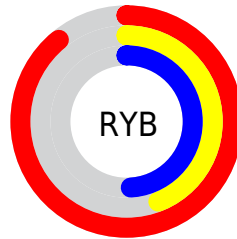
The Yxy color **29.2378, 0.4394, 0.3144** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.6454, 0.2533, 0.3458**, and the grayscale version is **29.4534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7068, 0.3859, 0.3176**, and **11.8652, 0.4846, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **24.4011, 0.4809, 0.3128**, and if you desaturate by 10%, it is **35.4321, 0.4033, 0.3170**.

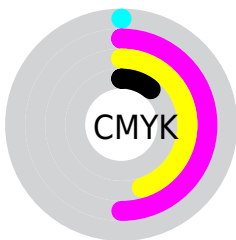
Distribution



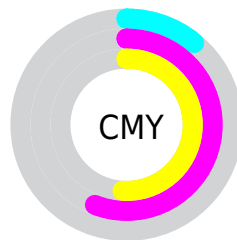
- Red (89%)
- Green (44%)
- Blue (49%)



- Red (89%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (45%)
- Black (11%)




- Cyan (11%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2378, 0.4394, 0.3144 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 29.2378, 0.4394, 0.3144 by changing the saturation by 10% instead.


 29.2378, 0.4394,
0.3144


 29.2378, 0.4394,
0.3144


298.3353, 0.3707,
0.3245

 19.2608, 0.4583,
0.3108


 58.4547, 0.4132,
0.3188


 11.8589, 0.4834,
0.3055


 78.4634, 0.4037,
0.3202

 6.6476, 0.5185,
0.2970


 102.5847, 0.3958,
0.3214

 3.2427, 0.5699,
0.2823

 131.2031, 0.3892,
0.3222

 1.2597, 0.6657,
0.2601

164.7030, 0.3835,
0.3230

 0.1097, 0.9207,
0.0793

203.4687, 0.3787,

 0.0000, 1.0000,

0.3236


0.0000


247.8847, 0.3744,
0.3241


 0.0000, 0.0000,
0.0000


 29.2378, 0.4394,
0.3144

 29.2378, 0.4394,
0.3144


 24.4011, 0.4809,
0.3128


 35.4321, 0.4033,
0.3170


 20.8158, 0.5257,
0.3127


 43.0708, 0.3733,
0.3200


 18.3672, 0.5691,
0.3146


 52.2388, 0.3489,
0.3231


 16.9174, 0.6050,
0.3187

 63.0130, 0.3292,
0.3261

 16.2436, 0.6281,
0.3234

 75.4652, 0.3133,
0.3289

 89.6631, 0.3006,
0.3315

 94.9100, 0.2952,
0.3289

Harmonies

Analogous

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



29.2378, 0.3718, 0.2643



29.2378, 0.4394, 0.3144



29.2378, 0.4665, 0.3708

Triad

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



29.2378, 0.4394, 0.3144



29.2378, 0.3172, 0.4649



29.2378, 0.1899, 0.2206

Complementary

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



29.2378, 0.4394, 0.3144



62.6454, 0.2533, 0.3458

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.



29.2378, 0.1796, 0.2575



29.2378, 0.4394, 0.3144



29.2378, 0.2472, 0.4082

Square

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



29.2378, 0.4394, 0.3144



29.2378, 0.3899, 0.4661



29.2378, 0.1985, 0.3251



29.2378, 0.2280, 0.2123

Rectangle

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



29.2378, 0.4394, 0.3144



29.2378, 0.4575, 0.4084



29.2378, 0.1985, 0.3251



29.2378, 0.1833, 0.2295

Sweetspot

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



29.2393, 0.4394, 0.3144



75.9835, 0.3378, 0.3247



31.1821, 0.3053, 0.2031



15.6273, 0.3420, 0.3240



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.



29.2393, 0.4394, 0.3144



31.5583, 0.4852, 0.3127



41.0172, 0.4273, 0.3799



13.7258, 0.3274, 0.3264



9.2751, 0.6257, 0.3220



0.6515, 0.5938, 0.3045

Inverse Universe

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



29.2393, 0.4394, 0.3144



31.5583, 0.4852, 0.3127



42.5170, 0.2356, 0.2692



13.7258, 0.3274, 0.3264



9.2751, 0.6257, 0.3220



0.6515, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 29.2378, 0.4394, 0.3144 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 29.2378, 0.4394, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

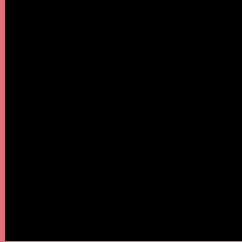
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2378, 0.4394, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 29.2378, 0.4394, 0.3144.

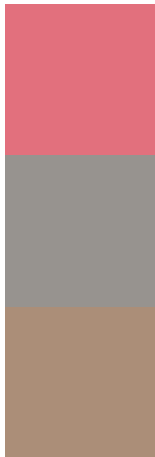


This preview shows how white text looks on a background with the Yxy color 29.2378, 0.4394, 0.3144.

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

29.2378, 0.4394, 0.3144

Protanopia

29.4299, 0.3208, 0.3353

Deuteranopia

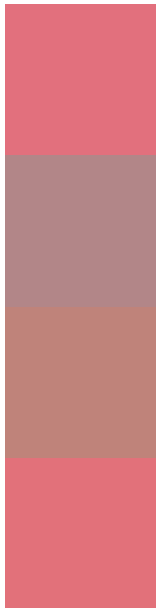
29.3600, 0.3682, 0.3621



Tritanopia

29.3595, 0.4441, 0.3202

Trichromacy



Original Color

29.2378, 0.4394, 0.3144

Protanomaly

28.2927, 0.3612, 0.3262

Deuteranomaly

28.7141, 0.3940, 0.3417

Tritanomaly

29.3841, 0.4428, 0.3190

Monochromacy



Original Color

29.2378, 0.4394, 0.3144

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.4515, 0.3541, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2378, 0.4394, 0.3144 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(226, 112, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 112, 125) }
```

Border

The CSS property to change the border of an element to Yxy 29.2378, 0.4394, 0.3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

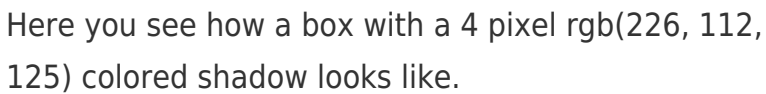
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 112, 125) }
```

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

```
.border{ border-color:rgb(226, 112, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(226, 112,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2378, 0.4394, 0.3144 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, 125) }
```

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

```
.background{ background-color: rgb(226,  
112, 125) }
```

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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