

Converting Colors

$Y_{xy}(29.9261, 0.4348, 0.3163)$

Have a look what the booklet for
Yxy(29.9261, 0.4348, 0.3163)
contains.

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Color

Yxy(29.8013, 0.4341, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	E1737F
RGB	225, 115, 127
RGB Percent	88%, 45%, 50%
CMY	0.1176, 0.5490, 0.5020
CMYK	0.00, 0.49, 0.44, 0.12
HSL	353°, 65%, 67%
HSV	353°, 49%, 88%
XYZ	41.0169, 29.8013, 23.6691
YIQ	149.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

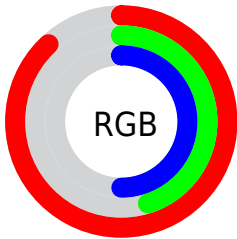
Format	Color
R _Y B	225, 115, 127
Decimal	14775167
CIE Lab	61.48, 43.87, 13.34
CIE LCh	61, 45.849, 16.909
Yxy	29.8013, 0.4341, 0.3154
Android (android.graphics.Color)	4292965247 (0xFFE1737F)
YUV	149.2580, -10.9732, 66.4257
Hunter-Lab	54.5906, 38.5835, 12.5068

Details

The Yxy color **29.8013, 0.4341, 0.3154** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.3090, 0.2544, 0.3445**, and the grayscale version is **30.1970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9312, 0.3821, 0.3176**, and **12.2121, 0.4760, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **24.8108, 0.4751, 0.3137**, and if you desaturate by 10%, it is **36.1511, 0.3988, 0.3179**.

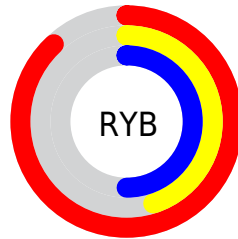
Distribution



Red (88%)

Green (45%)

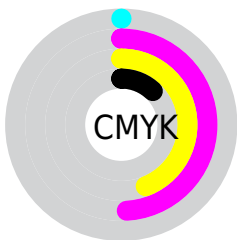
Blue (50%)



Red (88%)

Yellow (45%)

Blue (50%)

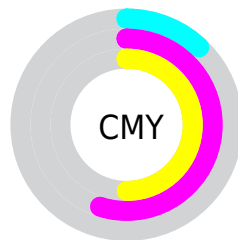


Cyan (0%)

Magenta (49%)

Yellow (44%)

Black (12%)



Cyan (12%)


Magenta (55%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8013, 0.4341, 0.3154 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 29.8013, 0.4341, 0.3154 by changing the saturation by 10% instead.


 29.8013, 0.4341,
0.3154


 29.8013, 0.4341,
0.3154


300.9772, 0.3684,
0.3247


 19.6878, 0.4521,
0.3121


 59.3478, 0.4090,
0.3195

 12.1683, 0.4761,
0.3071


 79.5496, 0.4000,
0.3208

 6.8584, 0.5095,
0.2993


 103.8830, 0.3925,
0.3218

 3.3737, 0.5585,
0.2859

132.7323, 0.3862,
0.3227

 1.3298, 0.6461,
0.2642

166.4820, 0.3807,
0.3233

 0.1641, 0.8870,
0.1130

205.5165, 0.3761,

 0.0000, 1.0000,

0.3239

0.0000

250.2200, 0.3720,
0.3244

■ 0.0000, 0.0000,
0.0000

■ 29.8013, 0.4341,
0.3154

■ 29.8013, 0.4341,
0.3154

■ 24.8108, 0.4751,
0.3137

■ 36.1511, 0.3988,
0.3179

■ 21.0761, 0.5198,
0.3133

■ 43.9446, 0.3695,
0.3208

■ 18.4863, 0.5639,
0.3149


■ 53.2650, 0.3457,
0.3238


■ 16.9088, 0.6013,
0.3186

■ 64.1877, 0.3266,
0.3266

■ 16.1424, 0.6267,
0.3234

■ 76.7829, 0.3112,
0.3293

 16.0787, 0.6288,
0.3238

 91.1171, 0.2988,
0.3317

 94.7504, 0.2946,
0.3289

Harmonies

Analogous

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



29.8013, 0.3695, 0.2668



29.8013, 0.4341, 0.3154



29.8013, 0.4603, 0.3701

Triad

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



29.8013, 0.4341, 0.3154



29.8013, 0.3175, 0.4585



29.8013, 0.1942, 0.2247

Complementary

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



29.8013, 0.4341, 0.3154



62.3090, 0.2544, 0.3445

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.



29.8013, 0.1843, 0.2606



29.8013, 0.4341, 0.3154



29.8013, 0.2500, 0.4045

Square

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



29.8013, 0.4341, 0.3154



29.8013, 0.3874, 0.4606



29.8013, 0.2028, 0.3256



29.8013, 0.2313, 0.2164

Rectangle

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



29.8013, 0.4341, 0.3154



29.8013, 0.4520, 0.4063



29.8013, 0.2028, 0.3256



29.8013, 0.1879, 0.2334

Sweetspot

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



29.8028, 0.4341, 0.3154



75.9733, 0.3379, 0.3249



31.7214, 0.3056, 0.2066



15.6249, 0.3422, 0.3243



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.



29.8028, 0.4341, 0.3154



32.6514, 0.4773, 0.3136



41.4195, 0.4225, 0.3785



13.7247, 0.3275, 0.3265



9.2720, 0.6265, 0.3225



0.6510, 0.5957, 0.3055

Inverse Universe

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



29.8028, 0.4341, 0.3154



32.6514, 0.4773, 0.3136



42.8834, 0.2378, 0.2714



13.7247, 0.3275, 0.3265



9.2720, 0.6265, 0.3225



0.6510, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 29.8013, 0.4341, 0.3154 looks on a white background.

Color Contrast Check

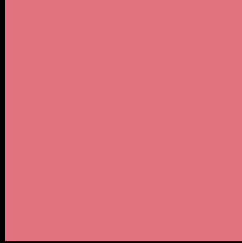
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8013, 0.4341, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

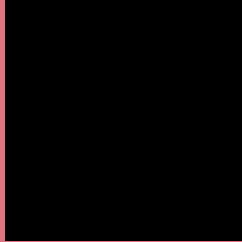
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8013, 0.4341, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 29.8013, 0.4341, 0.3154.



This preview shows how white text looks on a background with the Yxy color 29.8013, 0.4341, 0.3154.

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

29.8013, 0.4341, 0.3154

Protanopia

29.9657, 0.3218, 0.3353

Deuteranopia

29.9343, 0.3679, 0.3603



Tritanopia

29.9536, 0.4374, 0.3201

Trichromacy



Original Color

29.8013, 0.4341, 0.3154

Protanomaly

29.0270, 0.3595, 0.3263

Deuteranomaly

29.4368, 0.3918, 0.3416

Tritanomaly

29.9790, 0.4361, 0.3189

Monochromacy



Original Color

29.8013, 0.4341, 0.3154

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1615, 0.3535, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8013, 0.4341, 0.3154 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(225, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(225, 115, 127)  
}
```

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(225, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 115, 127) }
```

Border

The CSS property to change the border of an element to Yxy 29.8013, 0.4341, 0.3154 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(225, 115, 127) }
```

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

```
.border{ border-color:rgb(225, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(225, 115,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8013, 0.4341, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 115, 127) }
```

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

```
.background{ background-color: rgb(225,  
115, 127) }
```

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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