

Converting Colors

$Y_{xy}(60.0155, 0.3142, 0.2935)$

Have a look what the booklet for
Yxy(60.0155, 0.3142, 0.2935)
contains.

Yxy(60.2433, 0.3144, 0.2941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.2433, 0.3144, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	E2C2E2
RGB	226, 194, 226
RGB Percent	89%, 76%, 89%
CMY	0.1134, 0.2393, 0.1137
CMYK	0.00, 0.14, 0.00, 0.11
HSL	300°, 36%, 82%
HSV	300°, 14%, 89%
XYZ	64.4015, 60.2433, 80.1947
YIQ	207.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

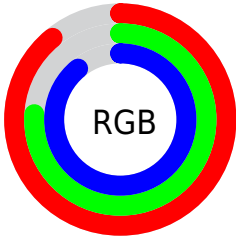
Format	Color
R _Y B	226, 194, 226
Decimal	14861026
CIE Lab	81.97, 16.87, -11.70
CIE LCh	82, 20.535, 325.258
Yxy	60.2433, 0.3144, 0.2941
Android (android.graphics.Color)	4293051106 (0xFFE2C2E2)
YUV	207.2160, 9.2605, 16.4736
Hunter-Lab	77.6166, 12.2796, -6.9278

Details

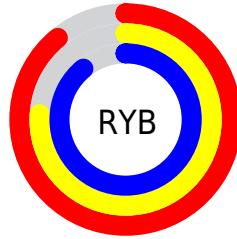
The Yxy color **60.2433, 0.3144, 0.2941** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.7959, 0.3109, 0.3666**, and the grayscale version is **62.4844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.2425, 0.3137, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **50.9359, 0.3156, 0.2691**, and if you desaturate by 10%, it is **71.0866, 0.3132, 0.3188**.

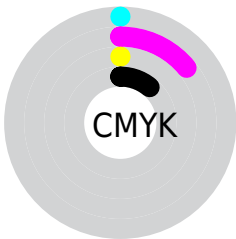
Distribution



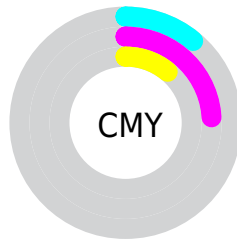
- Red (89%)
- Green (76%)
- Blue (89%)



- Red (89%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2433, 0.3144, 0.2941 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 60.2433, 0.3144, 0.2941 by changing the saturation by 10% instead.

 60.2433, 0.3144,
0.2941

 60.2433, 0.3144,
0.2941


425.4940, 0.3138,
0.3103

 43.6148, 0.3145,
0.2904


 105.1825, 0.3142,
0.2998

 30.3678, 0.3146,
0.2857


134.2620, 0.3141,
0.3019

 20.1179, 0.3147,
0.2799


168.2606, 0.3141,
0.3038

 12.4808, 0.3147,
0.2722

207.5627, 0.3140,
0.3055

 7.0720, 0.3147,
0.2616

252.5527, 0.3139,
0.3069

 3.5072, 0.3143,
0.2464

303.6150, 0.3139,

 1.4019, 0.3131,

0.3082

0.2223

361.1339, 0.3138,
0.3093

0.2181, 0.3266,
0.1150

0.0000, 0.0000,
0.0000

60.2433, 0.3144,
0.2941

60.2433, 0.3144,
0.2941

50.9359, 0.3156,
0.2691

71.0866, 0.3132,
0.3188

43.0877, 0.3168,
0.2446

83.5226, 0.3121,
0.3427

36.6270, 0.3179,
0.2215

93.1994, 0.3113,
0.3586

31.4731, 0.3190,
0.2008

93.2017, 0.3113,
0.3586

■ 27.5370, 0.3198,
0.1834

■ 93.2040, 0.3112,
0.3585

■ 24.7184, 0.3205,
0.1700

■ 93.2063, 0.3112,
0.3585

■ 22.9016, 0.3210,
0.1609

■ 93.2086, 0.3112,
0.3585

■ 21.9449, 0.3213,
0.1559

■ 93.2109, 0.3112,
0.3584

■ 21.6527, 0.3214,
0.1544

■ 93.2132, 0.3111,
0.3584

Harmonies

Analogous

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



60.2433, 0.2888, 0.2857



60.2433, 0.3144, 0.2941



60.2433, 0.3405, 0.3108

Triad

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



60.2433, 0.3144, 0.2941



60.2433, 0.3561, 0.3702



60.2433, 0.2681, 0.3228

Complementary

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



60.2433, 0.3144, 0.2941



69.7959, 0.3109, 0.3666

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.



60.2433, 0.2848, 0.3478



60.2433, 0.3144, 0.2941



60.2433, 0.3355, 0.3759

Square

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



60.2433, 0.3144, 0.2941



60.2433, 0.3651, 0.3539



60.2433, 0.3093, 0.3678



60.2433, 0.2629, 0.3010

Rectangle

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



60.2433, 0.3144, 0.2941



60.2433, 0.3543, 0.3249



60.2433, 0.3093, 0.3678



60.2433, 0.2725, 0.3312

Sweetspot

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



60.2459, 0.3144, 0.2941



93.6626, 0.3132, 0.3193



55.5348, 0.2899, 0.2913



19.8007, 0.3133, 0.3174



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.



60.2459, 0.3144, 0.2941



75.3870, 0.3148, 0.2868



59.4086, 0.3264, 0.3112



13.9352, 0.3138, 0.3060



12.3440, 0.3214, 0.1544



0.8558, 0.3213, 0.1544

Inverse Universe

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



60.2459, 0.3144, 0.2941



75.3870, 0.3148, 0.2868



70.5536, 0.3009, 0.3475



13.9352, 0.3138, 0.3060



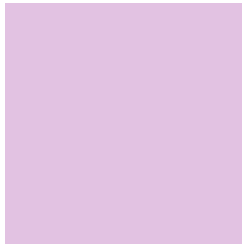
12.3440, 0.3214, 0.1544



0.8558, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 60.2433, 0.3144, 0.2941 looks on a white background.

Color Contrast Check

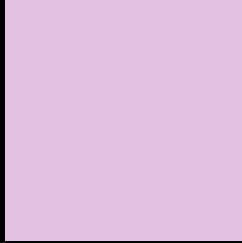
Large Text (above 18pt) WCAG AA × Fail

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 60.2433, 0.3144, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

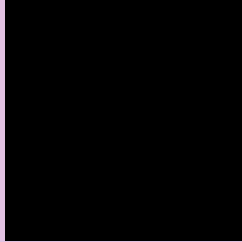
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2433, 0.3144, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 60.2433, 0.3144, 0.2941.



This preview shows how white text looks on a background with the Yxy color 60.2433, 0.3144, 0.2941.

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

60.2433, 0.3144, 0.2941

Protanopia

60.1527, 0.2906, 0.2958

Deuteranopia

60.1206, 0.3057, 0.2988



Tritanopia

60.0806, 0.3231, 0.3112

Trichromacy



Original Color

60.2433, 0.3144, 0.2941

Protanomaly

60.0593, 0.2992, 0.2952

Deuteranomaly

60.2742, 0.3088, 0.2979

Tritanomaly

60.0475, 0.3202, 0.3047

Monochromacy



Original Color

60.2433, 0.3144, 0.2941

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3922, 0.3134, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2433, 0.3144, 0.2941 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, 194, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 226)  
}
```

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, 194, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.2433, 0.3144, 0.2941 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, 194, 226) }
```

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

```
.border{ border-color:rgb(226, 194, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 194, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 194, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 194,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2433, 0.3144, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 226) }
```

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

```
.background{ background-color: rgb(226,  
194, 226) }
```

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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