

Converting Colors

Yxy(60.8140, 0.2931, 0.2628)

Have a look what the booklet for
Yxy(60.8140, 0.2931, 0.2628)
contains.

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Color

Yxy(60.9268, 0.2933, 0.2630)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1C0FF |
| RGB | 225, 192, 255 |
| RGB Percent | 88%, 75%, 100% |
| CMY | 0.1177, 0.2470, 0.0000 |
| CMYK | 0.12, 0.25, 0.00, 0.00 |
| HSL | 271°, 100%, 88% |
| HSV | 271°, 25%, 100% |
| XYZ | 67.9461, 60.9268, 102.7879 |
| YIQ | 209.0490, -0.5550, 26.5890 |

Conversions

Conversions Part 2

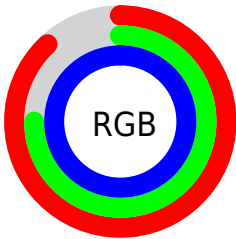
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 192, 255 |
| Decimal | 14795007 |
| CIE Lab | 82.34, 23.20, -26.65 |
| CIE LCh | 82, 35.328, 311.042 |
| Yxy | 60.9268, 0.2933, 0.2630 |
| Android (android.graphics.Color) | 4292985087 (0xFFE1C0FF) |
| YUV | 209.0490, 22.6538, 13.9890 |
| Hunter-Lab | 78.0556, 18.7840, -23.4374 |

Details

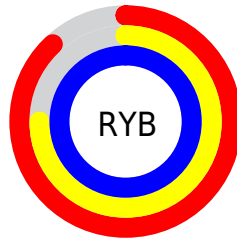
The Yxy color $60.9268, 0.2933, 0.2630$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.8610, 0.3283, 0.3955$, and the grayscale version is $63.6442, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $30.6892, 0.2879, 0.2479$ is the 20% darker color. If you saturate the color by 10%, you get $48.7995, 0.2833, 0.2336$, and if you desaturate by 10%, it is $75.1379, 0.3021, 0.2911$.

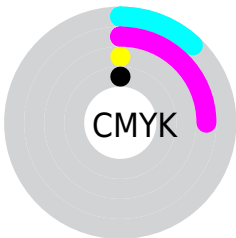
Distribution



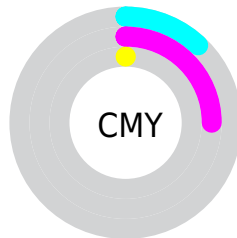
- Red (88%)
- Green (75%)
- Blue (100%)



- Red (88%)
- Yellow (75%)
- Blue (100%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9268, 0.2933, 0.2630 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 60.9268, 0.2933, 0.2630 by changing the saturation by 10% instead.


 60.9268, 0.2933,
0.2630

 60.9268, 0.2933,
0.2630


428.0056, 0.3030,
0.2929

 44.1661, 0.2909,
0.2563

 106.1729, 0.2968,
0.2732

 30.8011, 0.2880,
0.2482


135.4272, 0.2981,
0.2773

 20.4474, 0.2841,
0.2381


169.6147, 0.2992,
0.2808

 12.7207, 0.2788,
0.2251

209.1199, 0.3002,
0.2838

 7.2365, 0.2714,
0.2080

254.3272, 0.3010,
0.2865

 3.6104, 0.2602,
0.1846

305.6210, 0.3018,

 1.4581, 0.2419,

0.2889

0.1511

363.3856, 0.3024,
0.2910

0.2590, 0.2159,
0.0688

0.0000, 0.0000,
0.0000

60.9268, 0.2933,
0.2630

60.9268, 0.2933,
0.2630

48.7995, 0.2833,
0.2336

75.1379, 0.3021,
0.2911

38.6458, 0.2721,
0.2039

91.5212, 0.3096,
0.3174

30.3563, 0.2599,
0.1749

100.0000, 0.3127,
0.3290

23.8075, 0.2471,
0.1482

■ 18.8602, 0.2343,
0.1253

■ 15.3532, 0.2220,
0.1074

■ 13.0886, 0.2106,
0.0951

■ 12.2448, 0.2051,
0.0903

Harmonies

Analogous

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



60.9268, 0.2556, 0.2564



60.9268, 0.2933, 0.2630



60.9268, 0.3392, 0.2842

Triad

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



60.9268, 0.2933, 0.2630



60.9268, 0.3971, 0.3856



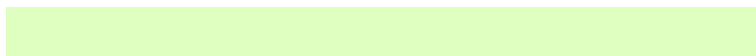
60.9268, 0.2486, 0.3378

Complementary

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



60.9268, 0.2933, 0.2630



90.8610, 0.3283, 0.3955

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.



60.9268, 0.2830, 0.3809



60.9268, 0.2933, 0.2630



60.9268, 0.3691, 0.4075

Square

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



60.9268, 0.2933, 0.2630



60.9268, 0.4016, 0.3519



60.9268, 0.3270, 0.4074



60.9268, 0.2313, 0.2957

Rectangle

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



60.9268, 0.2933, 0.2630



60.9268, 0.3679, 0.3044



60.9268, 0.3270, 0.4074



60.9268, 0.2584, 0.3529

Sweetspot

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



60.9292, 0.2933, 0.2630



87.5573, 0.3080, 0.3115



70.9135, 0.2731, 0.2933



18.5223, 0.3075, 0.3100



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.



60.9292, 0.2933, 0.2630



54.2490, 0.2881, 0.2475



66.1173, 0.3164, 0.2683



17.8455, 0.3061, 0.3050



6.4877, 0.2067, 0.0913



0.6967, 0.2187, 0.0979

Inverse Universe

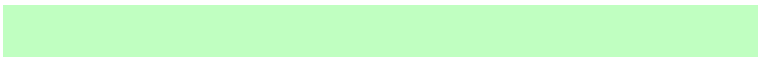
The Inverse Universe completely reimagines the original color for something new.



64.2404, 0.3405, 0.2985



58.2043, 0.3484, 0.2917



86.5811, 0.3088, 0.3983



18.1313, 0.3219, 0.3177



11.8667, 0.5064, 0.2563



1.1773, 0.4797, 0.2416

Previews

White Background



This preview shows how the Yxy color 60.9268, 0.2933, 0.2630 looks on a white background.

Color Contrast Check

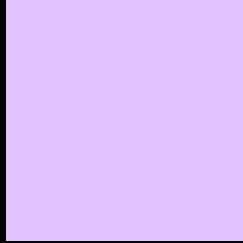
Large Text (above 18pt) WCAG AA × Fail

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 60.9268, 0.2933, 0.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

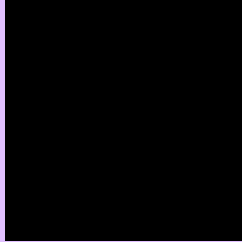
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9268, 0.2933, 0.2630

Background



This preview shows how black text looks on a background with the Yxy color 60.9268, 0.2933, 0.2630.

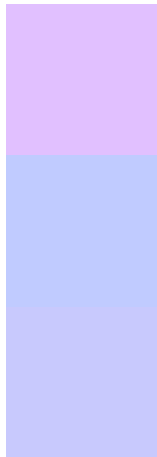


This preview shows how white text looks on a background with the Yxy color 60.9268, 0.2933, 0.2630.

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

60.9268, 0.2933, 0.2630

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

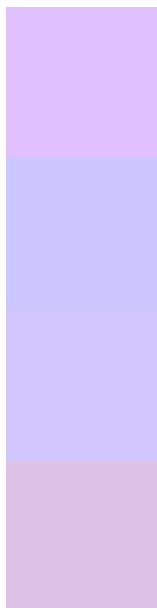
61.1445, 0.2775, 0.2717



Tritanopia

60.8132, 0.3167, 0.3111

Trichromacy



Original Color

60.9268, 0.2933, 0.2630

Protanomaly

60.9042, 0.2788, 0.2679

Deuteranomaly

61.0992, 0.2828, 0.2684

Tritanomaly

60.5652, 0.3075, 0.2917

Monochromacy



Original Color

60.9268, 0.2933, 0.2630

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6499, 0.3056, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9268, 0.2933, 0.2630 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, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 255)  
}
```

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, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.9268, 0.2933, 0.2630 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, 192, 255) }
```

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

```
.border{ border-color:rgb(225, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9268, 0.2933, 0.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 255) }
```

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

```
.background{ background-color: rgb(225,  
192, 255) }
```

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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