

Converting Colors

Yxy(63.3177, 0.2941, 0.2684)

Have a look what the booklet for
Yxy(63.3177, 0.2941, 0.2684)
contains.

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Color

Yxy(63.3213, 0.2941, 0.2685)

Conversions

Conversions Part 1

Format	Color
Hex	E2C5FF
RGB	226, 197, 255
RGB Percent	89%, 77%, 100%
CMY	0.1140, 0.2273, 0.0001
CMYK	0.11, 0.23, 0.00, 0.00
HSL	270°, 100%, 89%
HSV	270°, 23%, 100%
XYZ	69.3586, 63.3213, 103.1536
YIQ	212.2830, -1.3340, 24.1860

Conversions

Conversions Part 2

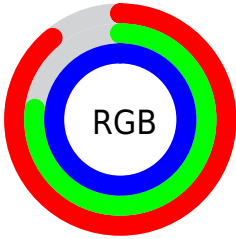
Format	Color
R _Y B	226, 197, 255
Decimal	14861823
CIE _{Lab}	83.61, 20.79, -24.69
CIE _{LCh}	84, 32.275, 310.107
Y _{xy}	63.3213, 0.2941, 0.2685
Android (android.graphics.Color)	4293051903 (0xFFE2C5FF)
YUV	212.2830, 21.0595, 12.0298
Hunter-Lab	79.5747, 16.3279, -21.1560

Details

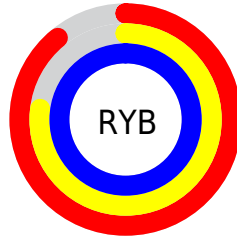
The Yxy color **63.3213, 0.2941, 0.2685** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.7213, 0.3280, 0.3896**, and the grayscale version is **65.8906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **32.2682, 0.2891, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **50.7150, 0.2838, 0.2391**, and if you desaturate by 10%, it is **78.0454, 0.3031, 0.2964**.

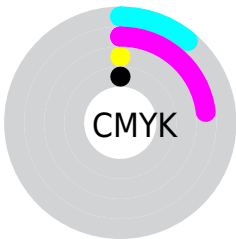
Distribution



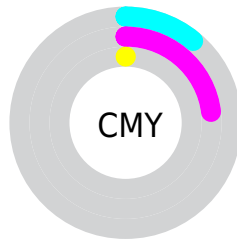
- Red (89%)
- Green (77%)
- Blue (100%)



- Red (89%)
- Yellow (77%)
- Blue (100%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3213, 0.2941, 0.2685 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 63.3213, 0.2941, 0.2685 by changing the saturation by 10% instead.


 63.3213, 0.2941,
0.2685

 63.3213, 0.2941,
0.2685


436.7346, 0.3033,
0.2959

 46.1012, 0.2919,
0.2624


109.6329, 0.2974,
0.2779

 32.3257, 0.2891,
0.2550


139.4932, 0.2986,
0.2816

 21.6104, 0.2855,
0.2457


174.3357, 0.2997,
0.2848

 13.5709, 0.2806,
0.2338

214.5447, 0.3006,
0.2875

 7.8228, 0.2738,
0.2181

260.5048, 0.3014,
0.2900

 3.9818, 0.2636,
0.1965

312.6002, 0.3021,

 1.6634, 0.2471,

0.2922

0.1653

371.2153, 0.3027,
0.2941

0.3998, 0.2214,
0.0996

0.0000, 0.0000,
0.0000

63.3213, 0.2941,
0.2685

63.3213, 0.2941,
0.2685

50.7150, 0.2838,
0.2391

78.0454, 0.3031,
0.2964

40.1168, 0.2722,
0.2090

94.9742, 0.3108,
0.3223

31.4189, 0.2596,
0.1794

99.9985, 0.3127,
0.3290

24.4997, 0.2463,
0.1517

■ 19.2233, 0.2328,
0.1275

■ 15.4328, 0.2199,
0.1081

■ 12.9389, 0.2080,
0.0944

■ 11.7397, 0.2001,
0.0876

Harmonies

Analogous

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



63.3213, 0.2601, 0.2631



63.3213, 0.2941, 0.2685



63.3213, 0.3354, 0.2875

Triad

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



63.3213, 0.2941, 0.2685



63.3213, 0.3894, 0.3798



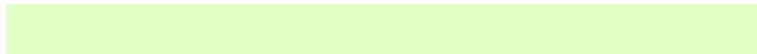
63.3213, 0.2554, 0.3384

Complementary

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



63.3213, 0.2941, 0.2685



91.7213, 0.3280, 0.3896

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.



63.3213, 0.2872, 0.3765



63.3213, 0.2941, 0.2685



63.3213, 0.3649, 0.3996

Square

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



63.3213, 0.2941, 0.2685



63.3213, 0.3926, 0.3492



63.3213, 0.3273, 0.3996



63.3213, 0.2390, 0.3003

Rectangle

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



63.3213, 0.2941, 0.2685



63.3213, 0.3614, 0.3059



63.3213, 0.3273, 0.3996



63.3213, 0.2646, 0.3519

Sweetspot

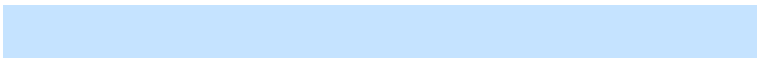
The Sweet Spot groups the original color and five complimentary colors.



63.3240, 0.2941, 0.2685



87.4770, 0.3077, 0.3115



74.0168, 0.2766, 0.2987



18.5037, 0.3072, 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.



63.3240, 0.2941, 0.2685



57.6910, 0.2898, 0.2561



68.2406, 0.3147, 0.2722



17.8226, 0.3057, 0.3050



6.2242, 0.2018, 0.0885



0.6709, 0.2141, 0.0953

Inverse Universe

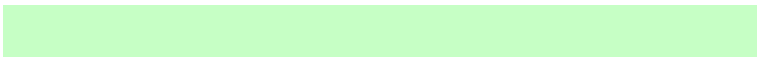
The Inverse Universe completely reimagines the original color for something new.



66.7007, 0.3367, 0.2997



61.6442, 0.3425, 0.2939



87.5440, 0.3103, 0.3930



18.1390, 0.3215, 0.3171



11.9515, 0.4958, 0.2505



1.1857, 0.4705, 0.2365

Previews

White Background



This preview shows how the Yxy color 63.3213, 0.2941, 0.2685 looks on a white background.

Color Contrast Check

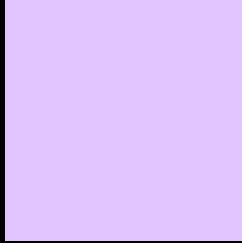
Large Text (above 18pt) WCAG AA × Fail

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 63.3213, 0.2941, 0.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

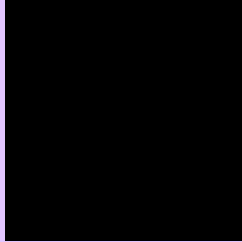
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3213, 0.2941, 0.2685

Background



This preview shows how black text looks on a background with the Yxy color 63.3213, 0.2941, 0.2685.

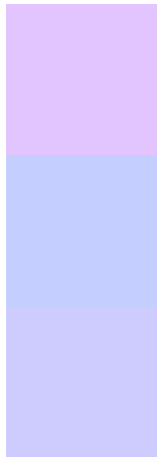


This preview shows how white text looks on a background with the Yxy color 63.3213, 0.2941, 0.2685.

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

63.3213, 0.2941, 0.2685

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.4633, 0.2811, 0.2747



Tritanopia

63.0420, 0.3143, 0.3113

Trichromacy



Original Color

63.3213, 0.2941, 0.2685

Protanomaly

63.3418, 0.2818, 0.2729

Deuteranomaly

63.0752, 0.2857, 0.2722

Tritanomaly

63.1291, 0.3067, 0.2953

Monochromacy



Original Color

63.3213, 0.2941, 0.2685

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9788, 0.3057, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3213, 0.2941, 0.2685 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, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 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(226, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.3213, 0.2941, 0.2685 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, 197, 255) }
```

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

```
.border{ border-color:rgb(226, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3213, 0.2941, 0.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 255) }
```

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

```
.background{ background-color: rgb(226,  
197, 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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