

Converting Colors

$Y_{xy}(65.0008, 0.2935, 0.2726)$

Have a look what the booklet for
Yxy(65.0008, 0.2935, 0.2726)
contains.

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Color

Yxy(65.0008, 0.2935, 0.2726)

Conversions

Conversions Part 1

Format	Color
Hex	E1C9FF
RGB	225, 201, 255
RGB Percent	88%, 79%, 100%
CMY	0.1177, 0.2117, 0.0000
CMYK	0.12, 0.21, 0.00, 0.00
HSL	267°, 100%, 89%
HSV	267°, 21%, 100%
XYZ	69.9844, 65.0008, 103.4624
YIQ	214.3320, -3.0300, 21.8820

Conversions

Conversions Part 2

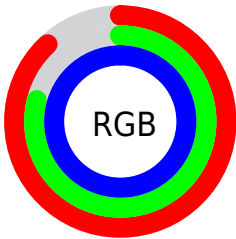
Format	Color
R _Y B	225, 201, 255
Decimal	14797311
CIE Lab	84.48, 18.38, -23.38
CIE LCh	84, 29.735, 308.175
Yxy	65.0008, 0.2935, 0.2726
Android (android.graphics.Color)	4292987391 (0xFFE1C9FF)
YUV	214.3320, 20.0493, 9.3558
Hunter-Lab	80.6231, 13.8554, -19.6498

Details

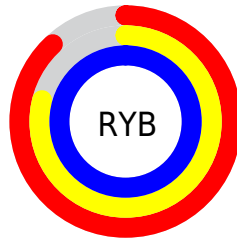
The Yxy color $65.0008, 0.2935, 0.2726$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.7279, 0.3289, 0.3848$, and the grayscale version is $67.3450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.3797, 0.2883, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $51.9003, 0.2822, 0.2429$, and if you desaturate by 10%, it is $80.2692, 0.3034, 0.3005$.

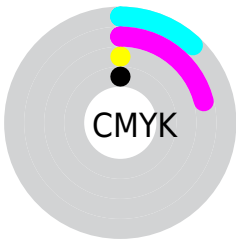
Distribution



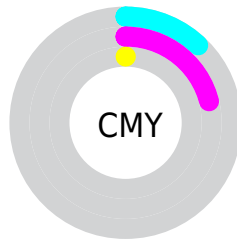
- Red (88%)
- Green (79%)
- Blue (100%)



- Red (88%)
- Yellow (79%)
- Blue (100%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0008, 0.2935, 0.2726 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 65.0008, 0.2935, 0.2726 by changing the saturation by 10% instead.


 65.0008, 0.2935,
0.2726

 65.0008, 0.2935,
0.2726

442.7948, 0.3028,
0.2982

 47.4617, 0.2913,
0.2669


112.0510, 0.2968,
0.2813

 33.4008, 0.2885,
0.2600


142.3309, 0.2981,
0.2848

 22.4337, 0.2849,
0.2513


177.6266, 0.2992,
0.2878

 14.1759, 0.2801,
0.2402

218.3224, 0.3001,
0.2904

 8.2431, 0.2733,
0.2255

264.8027, 0.3009,
0.2927

 4.2509, 0.2634,
0.2052

317.4520, 0.3016,

 1.8149, 0.2473,

0.2947

0.1757

376.6546, 0.3023,
0.2965

0.4964, 0.2213,
0.1190

0.0000, 0.0000,
0.0000

65.0008, 0.2935,
0.2726

65.0008, 0.2935,
0.2726

51.9003, 0.2822,
0.2429

80.2692, 0.3034,
0.3005

40.8578, 0.2696,
0.2122

97.7925, 0.3118,
0.3261

31.7655, 0.2558,
0.1817

99.9998, 0.3127,
0.3290

24.5026, 0.2412,
0.1526

■ 18.9341, 0.2266,
0.1269

■ 14.9054, 0.2126,
0.1059

■ 12.2317, 0.1998,
0.0908

■ 10.7477, 0.1900,
0.0820

Harmonies

Analogous

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



65.0008, 0.2629, 0.2687



65.0008, 0.2935, 0.2726



65.0008, 0.3311, 0.2894

Triad

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



65.0008, 0.2935, 0.2726



65.0008, 0.3837, 0.3742



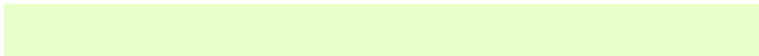
65.0008, 0.2618, 0.3401

Complementary

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



65.0008, 0.2935, 0.2726



92.7279, 0.3289, 0.3848

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.



65.0008, 0.2918, 0.3740



65.0008, 0.2935, 0.2726



65.0008, 0.3625, 0.3928

Square

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



65.0008, 0.2935, 0.2726



65.0008, 0.3850, 0.3459



65.0008, 0.3286, 0.3938



65.0008, 0.2455, 0.3051

Rectangle

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



65.0008, 0.2935, 0.2726



65.0008, 0.3551, 0.3061



65.0008, 0.3286, 0.3938



65.0008, 0.2705, 0.3522

Sweetspot

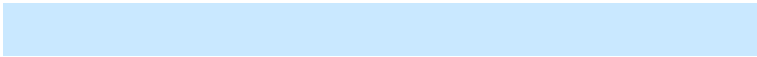
The Sweet Spot groups the original color and five complimentary colors.



65.0035, 0.2935, 0.2726



89.0463, 0.3079, 0.3140



77.1286, 0.2793, 0.3039



18.8151, 0.3073, 0.3124



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.



65.0035, 0.2935, 0.2726



59.7386, 0.2893, 0.2614



69.5811, 0.3126, 0.2758



17.7726, 0.3049, 0.3049



5.7013, 0.1917, 0.0830



0.6187, 0.2042, 0.0899

Inverse Universe

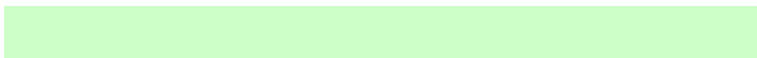
The Inverse Universe completely reimagines the original color for something new.



68.8080, 0.3325, 0.2989



64.1594, 0.3370, 0.2932



88.6595, 0.3121, 0.3878



18.1561, 0.3207, 0.3159



12.1558, 0.4728, 0.2378



1.2056, 0.4506, 0.2256

Previews

White Background



This preview shows how the Yxy color 65.0008, 0.2935, 0.2726 looks on a white background.

Color Contrast Check

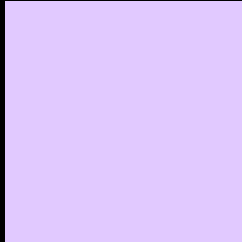
Large Text (above 18pt) WCAG AA × Fail

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 65.0008, 0.2935, 0.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

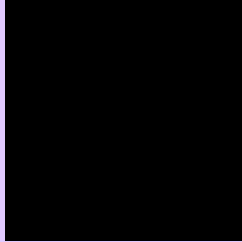
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

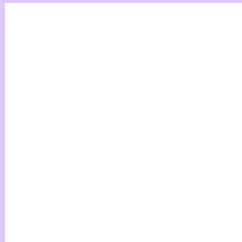
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0008, 0.2935, 0.2726

Background



This preview shows how black text looks on a background with the Yxy color 65.0008, 0.2935, 0.2726.

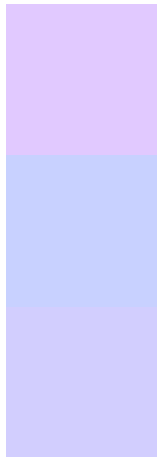


This preview shows how white text looks on a background with the Yxy color 65.0008, 0.2935, 0.2726.

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

65.0008, 0.2935, 0.2726

Protanopia

65.1003, 0.2769, 0.2788

Deuteranopia

65.0000, 0.2839, 0.2774



Tritanopia

65.1690, 0.3113, 0.3114

Trichromacy



Original Color

65.0008, 0.2935, 0.2726

Protanomaly

64.9179, 0.2827, 0.2763

Deuteranomaly

64.7886, 0.2873, 0.2757

Tritanomaly

65.1904, 0.3046, 0.2966

Monochromacy



Original Color

65.0008, 0.2935, 0.2726

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.1635, 0.3057, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0008, 0.2935, 0.2726 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.0008, 0.2935, 0.2726 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, 201, 255) }
```

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

```
.border{ border-color:rgb(225, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0008, 0.2935, 0.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 255) }
```

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

```
.background{ background-color: rgb(225,  
201, 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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