

Converting Colors

$Y_{xy}(79.3923, 0.2957, 0.3019)$

Have a look what the booklet for
Yxy(79.3923, 0.2957, 0.3019)
contains.

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Color

Yxy(79.5895, 0.2954, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	E3E5FF
RGB	227, 229, 255
RGB Percent	89%, 90%, 100%
CMY	0.1098, 0.1019, 0.0001
CMYK	0.11, 0.10, 0.00, 0.00
HSL	236°, 100%, 95%
HSV	236°, 11%, 100%
XYZ	77.7472, 79.5895, 105.8561
YIQ	231.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

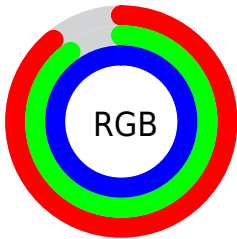
Format	Color
R _Y B	227, 229, 255
Decimal	14935551
CIE Lab	91.50, 4.25, -12.78
CIE LCh	92, 13.471, 288.382
Yxy	79.5895, 0.2954, 0.3024
Android (android.graphics.Color)	4293125631 (0xFFE3E5FF)
YUV	231.3660, 11.6516, -3.8290
Hunter-Lab	89.2129, -0.5638, -7.9018

Details

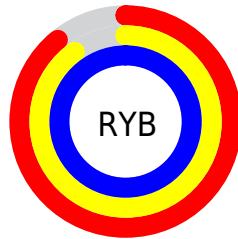
The Yxy color **79.5895, 0.2954, 0.3024** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97.0455, 0.3294, 0.3543**, and the grayscale version is **80.1171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1200, 0.2921, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **63.5261, 0.2776, 0.2748**, and if you desaturate by 10%, it is **98.0608, 0.3113, 0.3268**.

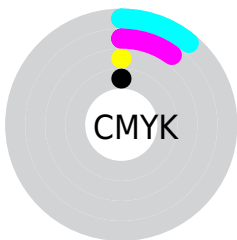
Distribution



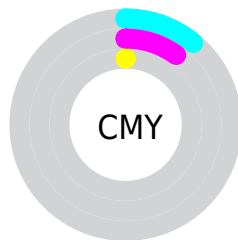
- Red (89%)
- Green (90%)
- Blue (100%)



- Red (89%)
- Yellow (90%)
- Blue (100%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5895, 0.2954, 0.3024 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 79.5895, 0.2954, 0.3024 by changing the saturation by 10% instead.


 79.5895, 0.2954,
0.3024

 79.5895, 0.2954,
0.3024

493.5483, 0.3033,
0.3144

 59.3806, 0.2936,
0.2997


132.7884, 0.2981,
0.3065

 42.9196, 0.2914,
0.2965


166.5473, 0.2992,
0.3081

 29.8220, 0.2887,
0.2925


205.5916, 0.3001,
0.3095

 19.7035, 0.2852,
0.2873

250.3057, 0.3009,
0.3107

 12.1797, 0.2804,
0.2804

301.0740, 0.3016,
0.3118

 6.8662, 0.2737,
0.2708

358.2810, 0.3022,

 3.3786, 0.2636,

0.3127

0.2565

422.3110, 0.3028,
0.3136

■ 1.3324, 0.2465,
0.2334

■ 0.1661, 0.1736,
0.1103

■ 79.5895, 0.2954,
0.3024

■ 79.5895, 0.2954,
0.3024

■ 63.5261, 0.2776,
0.2748

■ 98.0608, 0.3113,
0.3268

■ 49.7619, 0.2582,
0.2442

■ 99.9989, 0.3127,
0.3290

■ 38.1944, 0.2375,
0.2112

■ 28.7100, 0.2164,
0.1771

■ 21.1845, 0.1962,
0.1439

■ 15.4805, 0.1784,
0.1138

■ 11.4428, 0.1644,
0.0892

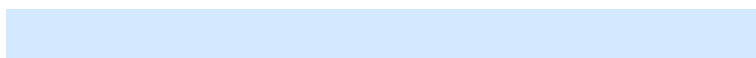
■ 8.8901, 0.1552,
0.0721

■ 7.6576, 0.1509,
0.0633

Harmonies

Analogous

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



79.5895, 0.2854, 0.3056



79.5895, 0.2954, 0.3024



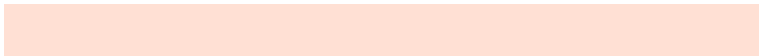
79.5895, 0.3102, 0.3060

Triad

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



79.5895, 0.2954, 0.3024



79.5895, 0.3439, 0.3416



79.5895, 0.2992, 0.3433

Complementary

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



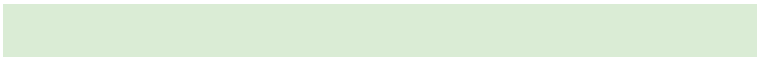
79.5895, 0.2954, 0.3024



97.0455, 0.3294, 0.3543

Split Complementary

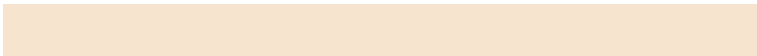
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5895, 0.3146, 0.3535



79.5895, 0.2954, 0.3024



79.5895, 0.3406, 0.3521

Square

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



79.5895, 0.2954, 0.3024



79.5895, 0.3385, 0.3282



79.5895, 0.3298, 0.3567



79.5895, 0.2875, 0.3290

Rectangle

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



79.5895, 0.2954, 0.3024



79.5895, 0.3209, 0.3117



79.5895, 0.3298, 0.3567



79.5895, 0.3041, 0.3473

Sweetspot

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



79.5928, 0.2954, 0.3024



94.1286, 0.3082, 0.3221



94.9108, 0.2971, 0.3313



19.8196, 0.3070, 0.3202



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.



79.5928, 0.2954, 0.3024



76.1528, 0.2919, 0.2971



80.4548, 0.3030, 0.3010



17.5857, 0.2978, 0.3062



4.0772, 0.1512, 0.0643



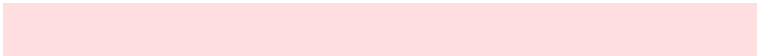
0.4660, 0.1539, 0.0741

Inverse Universe

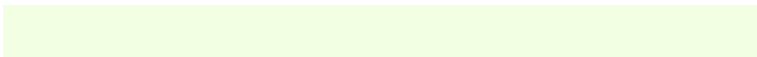
The Inverse Universe completely reimagines the original color for something new.



81.8576, 0.3310, 0.3271



78.8164, 0.3349, 0.3267



96.1682, 0.3216, 0.3568



18.0081, 0.3283, 0.3273



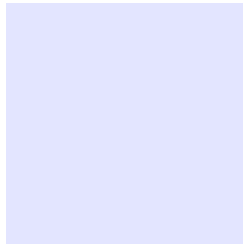
11.1396, 0.6327, 0.3259



1.0916, 0.6164, 0.3170

Previews

White Background



This preview shows how the Yxy color 79.5895, 0.2954, 0.3024 looks on a white background.

Color Contrast Check

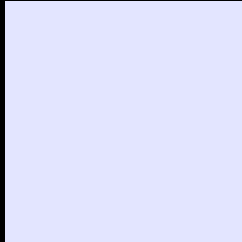
Large Text (above 18pt) WCAG AA × Fail

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 79.5895, 0.2954, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

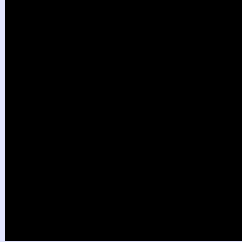
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5895, 0.2954, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 79.5895, 0.2954, 0.3024.



This preview shows how white text looks on a background with the Yxy color 79.5895, 0.2954, 0.3024.

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

79.5895, 0.2954, 0.3024

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

79.7712, 0.3046, 0.2991



Tritanopia

79.5397, 0.2989, 0.3104

Trichromacy



Original Color

79.5895, 0.2954, 0.3024

Protanomaly

79.5895, 0.2954, 0.3024

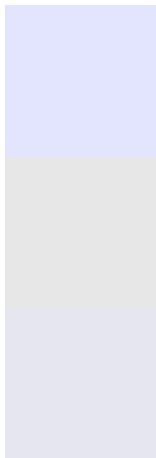
Deuteranomaly

79.4456, 0.3013, 0.2998

Tritanomaly

79.7274, 0.2971, 0.3074

Monochromacy



Original Color

79.5895, 0.2954, 0.3024

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7079, 0.3064, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5895, 0.2954, 0.3024 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(227, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.5895, 0.2954, 0.3024 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(227, 229, 255) }
```

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

```
.border{ border-color:rgb(227, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5895, 0.2954, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 255) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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