

Converting Colors

$Yxy(79.1015, 0.2921, 0.3028)$

Have a look what the booklet for
Yxy(79.1015, 0.2921, 0.3028)
contains.

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Color

Yxy(79.3432, 0.2922, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	DEE6FF
RGB	222, 230, 255
RGB Percent	87%, 90%, 100%
CMY	0.1295, 0.0980, 0.0001
CMYK	0.13, 0.10, 0.00, 0.00
HSL	225°, 100%, 94%
HSV	225°, 13%, 100%
XYZ	76.4647, 79.3432, 105.8782
YIQ	230.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

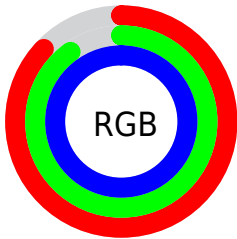
Format	Color
R _Y B	222, 228, 255
Decimal	14608127
CIE Lab	91.39, 2.14, -12.99
CIE LCh	91, 13.164, 279.360
Yxy	79.3432, 0.2922, 0.3032
Android (android.graphics.Color)	4292798207 (0xFFDEE6FF)
YUV	230.4580, 12.0992, -7.4177
Hunter-Lab	89.0748, -2.6508, -8.1223

Details

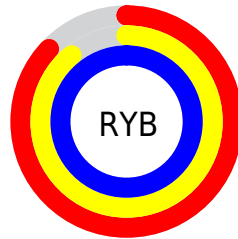
The Yxy color **79.3432, 0.2922, 0.3032** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.0250, 0.3332, 0.3535**, and the grayscale version is **79.4030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9527, 0.2880, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **65.4680, 0.2748, 0.2804**, and if you desaturate by 10%, it is **95.0226, 0.3083, 0.3235**.

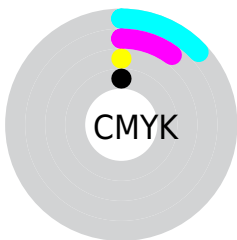
Distribution



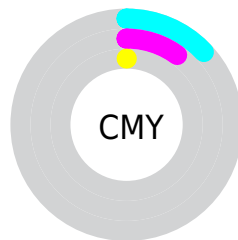
- Red (87%)
- Green (90%)
- Blue (100%)



- Red (87%)
- Yellow (89%)
- Blue (100%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3432, 0.2922, 0.3032 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 79.3432, 0.2922, 0.3032 by changing the saturation by 10% instead.

■ 79.3432, 0.2922,
0.3032

■ 79.3432, 0.2922,
0.3032

492.7166, 0.3015,
0.3149

■ 59.1780, 0.2901,
0.3006

132.4419, 0.2954,
0.3072

■ 42.7564, 0.2875,
0.2974

166.1442, 0.2967,
0.3088

■ 29.6941, 0.2843,
0.2935

205.1277, 0.2977,
0.3101

■ 19.6065, 0.2802,
0.2884

249.7768, 0.2987,
0.3113

■ 12.1093, 0.2746,
0.2816

300.4758, 0.2995,
0.3124

■ 6.8182, 0.2668,
0.2721

357.6092, 0.3003,

■ 3.3487, 0.2550,

0.3133

0.2579

421.5613, 0.3009,
0.3141

■ 1.3163, 0.2355,
0.2347

■ 0.1538, 0.1386,
0.1074

■ 79.3432, 0.2922,
0.3032

■ 79.3432, 0.2922,
0.3032

■ 65.4680, 0.2748,
0.2804

■ 95.0226, 0.3083,
0.3235

■ 53.3213, 0.2563,
0.2552

99.9990, 0.3127,
0.3290

■ 42.8364, 0.2372,
0.2279

■ 33.9386, 0.2182,
0.1993

■ 26.5469, 0.2001,
0.1704

■ 20.5729, 0.1840,
0.1426

■ 15.9179, 0.1708,
0.1175

■ 12.4684, 0.1614,
0.0965

■ 10.6677, 0.1569,
0.0846

Harmonies

Analogous

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



79.3432, 0.2843, 0.3083



79.3432, 0.2922, 0.3032



79.3432, 0.3056, 0.3048

Triad

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



79.3432, 0.2922, 0.3032



79.3432, 0.3425, 0.3375



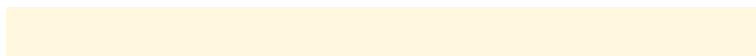
79.3432, 0.3038, 0.3466

Complementary

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



79.3432, 0.2922, 0.3032



93.0250, 0.3332, 0.3535

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.



79.3432, 0.3193, 0.3547



79.3432, 0.2922, 0.3032



79.3432, 0.3418, 0.3490

Square

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



79.3432, 0.2922, 0.3032



79.3432, 0.3348, 0.3242



79.3432, 0.3333, 0.3555



79.3432, 0.2909, 0.3334

Rectangle

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



79.3432, 0.2922, 0.3032



79.3432, 0.3161, 0.3093



79.3432, 0.3333, 0.3555



79.3432, 0.3088, 0.3500

Sweetspot

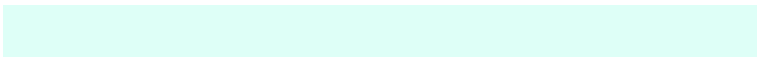
The Sweet Spot groups the original color and five complimentary colors.



79.3465, 0.2922, 0.3032



93.2903, 0.3066, 0.3215



93.7363, 0.2973, 0.3373



19.7050, 0.3055, 0.3200



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.



79.3465, 0.2922, 0.3032



74.9252, 0.2870, 0.2965



76.3148, 0.2974, 0.2953



18.0953, 0.2979, 0.3105



5.7680, 0.1576, 0.0871



0.7235, 0.1633, 0.1077

Inverse Universe

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



79.2050, 0.3309, 0.3211



74.8431, 0.3360, 0.3191



96.5092, 0.3268, 0.3617



18.0595, 0.3256, 0.3232



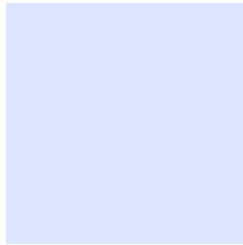
11.3102, 0.5956, 0.3055



1.1176, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 79.3432, 0.2922, 0.3032 looks on a white background.

Color Contrast Check

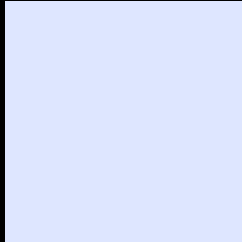
Large Text (above 18pt) WCAG AA × Fail

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 79.3432, 0.2922, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

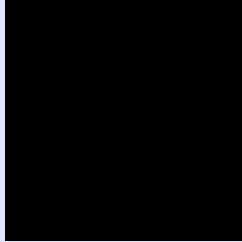
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3432, 0.2922, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 79.3432, 0.2922, 0.3032.

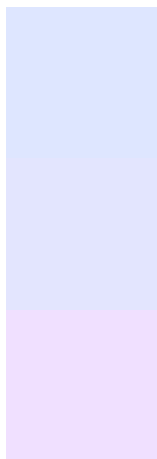


This preview shows how white text looks on a background with the Yxy color 79.3432, 0.2922, 0.3032.

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

79.3432, 0.2922, 0.3032

Protanopia

79.5253, 0.2960, 0.3034

Deuteranopia

79.0566, 0.3039, 0.2980



Tritanopia

79.3635, 0.2951, 0.3102

Trichromacy



Original Color

79.3432, 0.2922, 0.3032

Protanomaly

79.2019, 0.2947, 0.3033

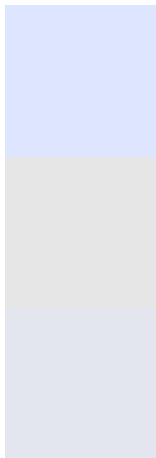
Deuteranomaly

78.9364, 0.2993, 0.2996

Tritanomaly

79.4890, 0.2939, 0.3082

Monochromacy



Original Color

79.3432, 0.2922, 0.3032

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.1565, 0.3051, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3432, 0.2922, 0.3032 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(222, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 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(222, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.3432, 0.2922, 0.3032 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(222, 230, 255) }
```

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

```
.border{ border-color:rgb(222, 230, 255) }
```

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

Here you see how a box with a 4 pixel rgb(222, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3432, 0.2922, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 255) }
```

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

```
.background{ background-color: rgb(222,  
230, 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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