

Converting Colors

$Yxy(79.4790, 0.3003, 0.3106)$

Have a look what the booklet for
Yxy(79.4790, 0.3003, 0.3106)
contains.

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Color

Yxy(79.8030, 0.3008, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	E4E6F7
RGB	228, 230, 247
RGB Percent	89%, 90%, 97%
CMY	0.1061, 0.0979, 0.0314
CMYK	0.08, 0.07, 0.00, 0.03
HSL	233°, 54%, 93%
HSV	233°, 8%, 97%
XYZ	77.0618, 79.8030, 99.3246
YIQ	231.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

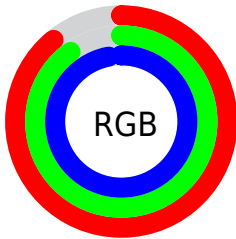
Format	Color
R_{YB}	228, 230, 247
Decimal	15001335
CIE _{Lab}	91.60, 2.46, -8.46
CIE _{LCh}	92, 8.806, 286.195
Yxy	79.8030, 0.3008, 0.3115
Android (android.graphics.Color)	4293191415 (0xFFE4E6F7)
YUV	231.3400, 7.7204, -2.9292
Hunter-Lab	89.3325, -2.3508, -3.3890

Details

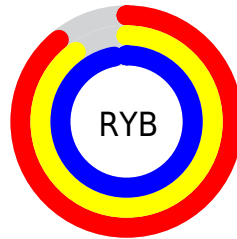
The Yxy color **79.8030, 0.3008, 0.3115** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.6074, 0.3244, 0.3459**, and the grayscale version is **80.1173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.3058, 0.2983, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **64.5778, 0.2838, 0.2861**, and if you desaturate by 10%, it is **97.1548, 0.3160, 0.3338**.

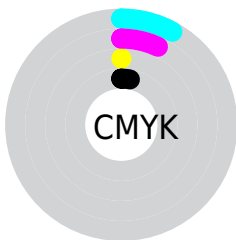
Distribution



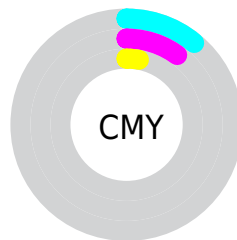
- Red (89%)
- Green (90%)
- Blue (97%)



- Red (89%)
- Yellow (90%)
- Blue (97%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.8030, 0.3008, 0.3115 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 79.8030, 0.3008, 0.3115 by changing the saturation by 10% instead.

■ 79.8030, 0.3008,
0.3115

■ 79.8030, 0.3008,
0.3115

494.2687, 0.3062,
0.3194

■ 59.5563, 0.2996,
0.3097

133.0887, 0.3027,
0.3142

■ 43.0611, 0.2981,
0.3076

166.8965, 0.3034,
0.3153

■ 29.9330, 0.2962,
0.3049

205.9934, 0.3040,
0.3162

■ 19.7878, 0.2937,
0.3014

250.7638, 0.3046,
0.3170

■ 12.2409, 0.2905,
0.2967

301.5922, 0.3051,
0.3177

■ 6.9079, 0.2858,
0.2902

358.8628, 0.3055,

■ 3.4046, 0.2787,

0.3183

0.2803

422.9602, 0.3059,
0.3189

■ 1.3464, 0.2667,
0.2639

■ 0.1767, 0.1918,
0.1487

■ 79.8030, 0.3008,
0.3115

■ 79.8030, 0.3008,
0.3115

■ 64.5778, 0.2838,
0.2861

■ 97.1548, 0.3160,
0.3338

■ 51.3874, 0.2651,
0.2578

■ 99.4945, 0.3174,
0.3367

■ 40.1485, 0.2451,
0.2269

■ 30.7680, 0.2245,
0.1943

■ 23.1450, 0.2043,
0.1615

■ 17.1694, 0.1858,
0.1304

■ 12.7179, 0.1704,
0.1034

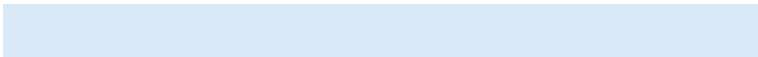
■ 9.6500, 0.1592,
0.0824

■ 7.7941, 0.1528,
0.0685

Harmonies

Analogous

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



79.8030, 0.2945, 0.3141



79.8030, 0.3008, 0.3115



79.8030, 0.3104, 0.3135

Triad

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



79.8030, 0.3008, 0.3115



79.8030, 0.3329, 0.3368



79.8030, 0.3046, 0.3389

Complementary

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



79.8030, 0.3008, 0.3115



90.6074, 0.3244, 0.3459

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.



79.8030, 0.3148, 0.3452



79.8030, 0.3008, 0.3115



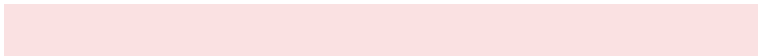
79.8030, 0.3312, 0.3438

Square

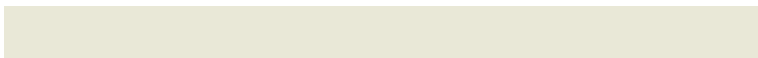
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8030, 0.3008, 0.3115



79.8030, 0.3290, 0.3279



79.8030, 0.3246, 0.3470



79.8030, 0.2966, 0.3298

Rectangle

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



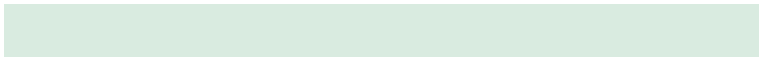
79.8030, 0.3008, 0.3115



79.8030, 0.3174, 0.3171



79.8030, 0.3246, 0.3470



79.8030, 0.3079, 0.3414

Sweetspot

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



79.8064, 0.3008, 0.3115



96.1835, 0.3097, 0.3246



89.5736, 0.3020, 0.3312



20.6272, 0.3099, 0.3248



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.



79.8064, 0.3008, 0.3115



83.5573, 0.2987, 0.3084



79.8663, 0.3057, 0.3096



16.2200, 0.2979, 0.3072



4.0687, 0.1522, 0.0678



0.4522, 0.1565, 0.0832

Inverse Universe

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



80.9357, 0.3246, 0.3269



84.9749, 0.3268, 0.3266



90.5799, 0.3194, 0.3482



16.5121, 0.3276, 0.3264



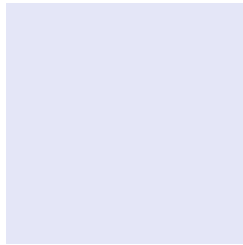
10.5101, 0.6270, 0.3228



0.9333, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 79.8030, 0.3008, 0.3115 looks on a white background.

Color Contrast Check

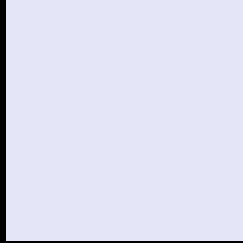
Large Text (above 18pt) WCAG AA × Fail

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 79.8030, 0.3008, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

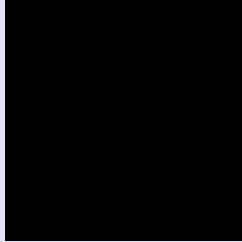
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8030, 0.3008, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 79.8030, 0.3008, 0.3115.



This preview shows how white text looks on a background with the Yxy color 79.8030, 0.3008, 0.3115.

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

79.8030, 0.3008, 0.3115

Protanopia

79.5770, 0.3022, 0.3105

Deuteranopia

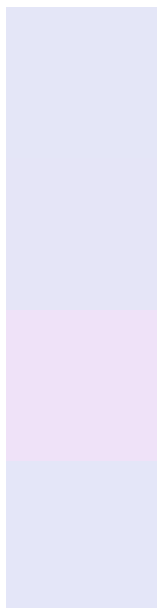
79.5011, 0.3118, 0.3050



Tritanopia

79.8649, 0.3002, 0.3105

Trichromacy



Original Color

79.8030, 0.3008, 0.3115

Protanomaly

79.4120, 0.3015, 0.3105

Deuteranomaly

79.5207, 0.3076, 0.3068

Tritanomaly

79.8649, 0.3002, 0.3105

Monochromacy



Original Color

79.8030, 0.3008, 0.3115

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.0892, 0.3083, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8030, 0.3008, 0.3115 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(228, 230, 247)` looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 247)  
}
```

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(228, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 247) }
```

Border

The CSS property to change the border of an element to Yxy 79.8030, 0.3008, 0.3115 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(228, 230, 247) }
```

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

```
.border{ border-color:rgb(228, 230, 247) }
```

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

Here you see how a box with a 4 pixel rgb(228, 230, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(228, 230,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8030, 0.3008, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 230, 247) }
```

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

```
.background{ background-color: rgb(228,  
230, 247) }
```

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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