

Converting Colors

$Yxy(79.1194, 0.3038, 0.3008)$

Have a look what the booklet for
Yxy(79.1194, 0.3038, 0.3008)
contains.

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Color

Yxy(79.1194, 0.3038, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	EEE1FD
RGB	238, 225, 253
RGB Percent	93%, 88%, 99%
CMY	0.0668, 0.1176, 0.0078
CMYK	0.06, 0.11, 0.00, 0.01
HSL	268°, 88%, 94%
HSV	268°, 11%, 99%
XYZ	79.9085, 79.1194, 104.0020
YIQ	232.0790, -1.2400, 11.4640

Conversions

Conversions Part 2

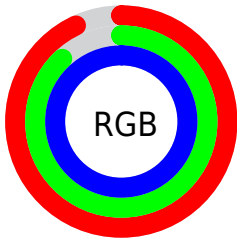
Format	Color
R _Y B	238, 225, 253
Decimal	15655421
CIE Lab	91.29, 9.46, -11.99
CIE LCh	91, 15.267, 308.270
Yxy	79.1194, 0.3038, 0.3008
Android (android.graphics.Color)	4293845501 (0xFFEEE1FD)
YUV	232.0790, 10.3141, 5.1927
Hunter-Lab	88.9491, 4.6967, -7.0593

Details

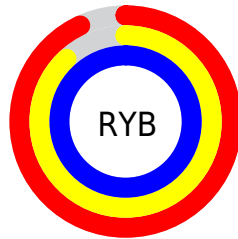
The Yxy color **79.1194, 0.3038, 0.3008** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2351, 0.3209, 0.3571**, and the grayscale version is **80.6802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6801, 0.3020, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **64.1751, 0.2943, 0.2730**, and if you desaturate by 10%, it is **96.2752, 0.3119, 0.3264**.

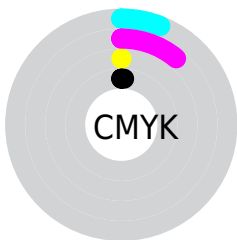
Distribution



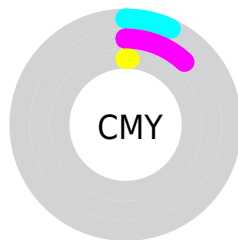
- Red (93%)
- Green (88%)
- Blue (99%)



- Red (93%)
- Yellow (88%)
- Blue (99%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)





- Cyan (7%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1194, 0.3038, 0.3008 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 79.1194, 0.3038, 0.3008 by changing the saturation by 10% instead.

 79.1194, 0.3038,
0.3008

 79.1194, 0.3038,
0.3008


491.9602, 0.3079,
0.3134

 58.9940, 0.3029,
0.2980


132.1269, 0.3052,
0.3051

 42.6083, 0.3017,
0.2946


165.7779, 0.3058,
0.3068

 29.5779, 0.3002,
0.2904


204.7061, 0.3063,
0.3083

 19.5184, 0.2982,
0.2850

249.2959, 0.3067,
0.3096

 12.0455, 0.2956,
0.2778

299.9319, 0.3071,
0.3107

 6.7746, 0.2918,
0.2679

356.9983, 0.3074,

 3.3216, 0.2859,

0.3117

0.2534

420.8796, 0.3077,
0.3126

■ 1.3018, 0.2756,
0.2299

■ 0.1426, 0.2438,
0.0949

■ 79.1194, 0.3038,
0.3008

■ 79.1194, 0.3038,
0.3008

■ 64.1751, 0.2943,
0.2730

■ 96.2752, 0.3119,
0.3264

■ 51.3395, 0.2834,
0.2436

99.8730, 0.3139,
0.3309

■ 40.5166, 0.2712,
0.2131

■ 31.5985, 0.2579,
0.1828

■ 24.4673, 0.2438,
0.1541

■ 18.9913, 0.2296,
0.1286

■ 15.0196, 0.2158,
0.1078

■ 12.3721, 0.2033,
0.0928

■ 10.8781, 0.1934,
0.0839

Harmonies

Analogous

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



79.1194, 0.2885, 0.2992



79.1194, 0.3038, 0.3008



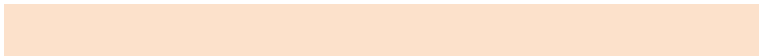
79.1194, 0.3219, 0.3094

Triad

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



79.1194, 0.3038, 0.3008



79.1194, 0.3467, 0.3518



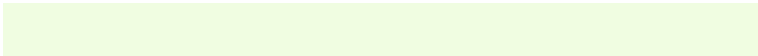
79.1194, 0.2879, 0.3346

Complementary

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



79.1194, 0.3038, 0.3008



94.2351, 0.3209, 0.3571

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.



79.1194, 0.3029, 0.3499



79.1194, 0.3038, 0.3008



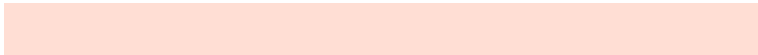
79.1194, 0.3370, 0.3597

Square

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



79.1194, 0.3038, 0.3008



79.1194, 0.3471, 0.3382



79.1194, 0.3209, 0.3592



79.1194, 0.2795, 0.3182

Rectangle

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



79.1194, 0.3038, 0.3008



79.1194, 0.3332, 0.3180



79.1194, 0.3209, 0.3592



79.1194, 0.2923, 0.3401

Sweetspot

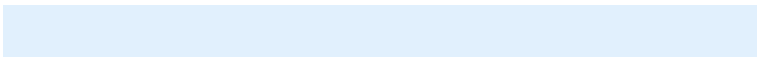
The Sweet Spot groups the original color and five complimentary colors.



79.1228, 0.3038, 0.3008



94.4444, 0.3105, 0.3216



85.6683, 0.2955, 0.3161



19.9048, 0.3098, 0.3196



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.



79.1228, 0.3038, 0.3008



77.4193, 0.3021, 0.2956



81.5752, 0.3130, 0.3016



17.7895, 0.3052, 0.3049



5.8704, 0.1950, 0.0848



0.6357, 0.2075, 0.0917

Inverse Universe

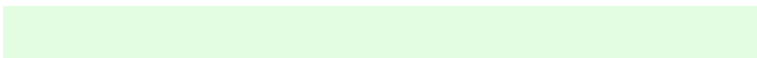
The Inverse Universe completely reimagines the original color for something new.



81.0391, 0.3225, 0.3141



79.6943, 0.3244, 0.3115



91.9346, 0.3122, 0.3578



18.1503, 0.3210, 0.3163



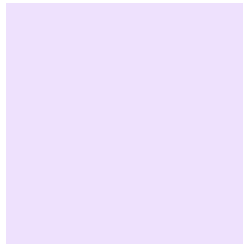
12.0836, 0.4806, 0.2421



1.1986, 0.4573, 0.2293

Previews

White Background



This preview shows how the Yxy color 79.1194, 0.3038, 0.3008 looks on a white background.

Color Contrast Check

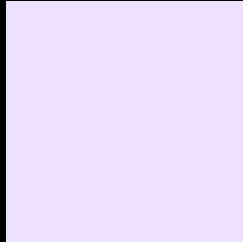
Large Text (above 18pt) WCAG AA × Fail

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 79.1194, 0.3038, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

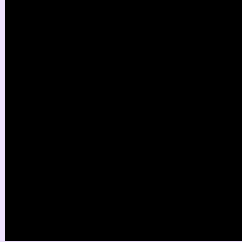
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1194, 0.3038, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 79.1194, 0.3038, 0.3008.

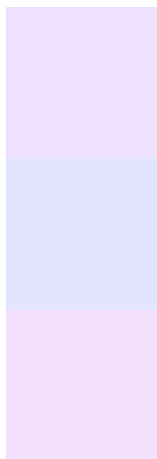


This preview shows how white text looks on a background with the Yxy color 79.1194, 0.3038, 0.3008.

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

79.1194, 0.3038, 0.3008

Protanopia

79.0377, 0.2954, 0.3013

Deuteranopia

79.2804, 0.3065, 0.3000



Tritanopia

78.9289, 0.3088, 0.3107

Trichromacy



Original Color

79.1194, 0.3038, 0.3008

Protanomaly

79.0829, 0.2986, 0.3015

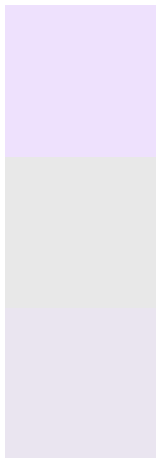
Deuteranomaly

79.1039, 0.3059, 0.3000

Tritanomaly

79.1126, 0.3069, 0.3077

Monochromacy



Original Color

79.1194, 0.3038, 0.3008

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8223, 0.3092, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1194, 0.3038, 0.3008 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(238, 225, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 253)  
}
```

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(238, 225, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 253) }
```

Border

The CSS property to change the border of an element to Yxy 79.1194, 0.3038, 0.3008 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(238, 225, 253) }
```

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

```
.border{ border-color:rgb(238, 225, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1194, 0.3038, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 253) }
```

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

```
.background{ background-color: rgb(238,  
225, 253) }
```

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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