

Converting Colors

$Y_{xy}(79.2051, 0.3073, 0.3046)$

Have a look what the booklet for
Yxy(79.2051, 0.3073, 0.3046)
contains.

Yxy(79.2152, 0.3077, 0.3048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.2152, 0.3077, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	F0E1F9
RGB	240, 225, 249
RGB Percent	94%, 88%, 98%
CMY	0.0587, 0.1177, 0.0235
CMYK	0.04, 0.10, 0.00, 0.02
HSL	278°, 67%, 93%
HSV	278°, 10%, 98%
XYZ	79.9689, 79.2152, 100.7083
YIQ	232.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

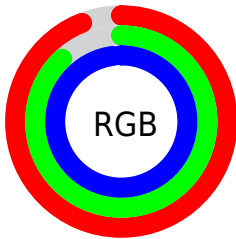
Format	Color
R _Y B	240, 225, 249
Decimal	15786489
CIE Lab	91.33, 9.39, -9.81
CIE LCh	91, 13.578, 313.742
Yxy	79.2152, 0.3077, 0.3048
Android (android.graphics.Color)	4293976569 (0xFFFF0E1F9)
YUV	232.2210, 8.2720, 6.8222
Hunter-Lab	89.0029, 4.6267, -4.7856

Details

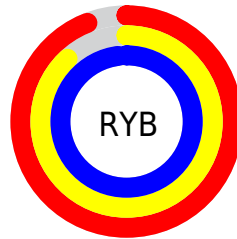
The Yxy color **79.2152, 0.3077, 0.3048** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.6842, 0.3173, 0.3535**, and the grayscale version is **80.8117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7901, 0.3061, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **65.1347, 0.3016, 0.2780**, and if you desaturate by 10%, it is **95.3494, 0.3129, 0.3299**.

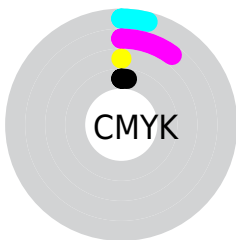
Distribution



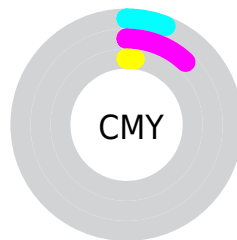
- Red (94%)
- Green (88%)
- Blue (98%)



- Red (94%)
- Yellow (88%)
- Blue (98%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (6%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2152, 0.3077, 0.3048 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 79.2152, 0.3077, 0.3048 by changing the saturation by 10% instead.

 79.2152, 0.3077,
0.3048

 79.2152, 0.3077,
0.3048

492.2841, 0.3101,
0.3157

 59.0728, 0.3072,
0.3024


132.2618, 0.3085,
0.3085

 42.6717, 0.3065,
0.2995


165.9347, 0.3088,
0.3100

 29.6276, 0.3056,
0.2958


204.8866, 0.3091,
0.3112

 19.5561, 0.3045,
0.2912

249.5018, 0.3094,
0.3123

 12.0728, 0.3029,
0.2850

300.1648, 0.3096,
0.3133

 6.7933, 0.3006,
0.2764

357.2599, 0.3098,

 3.3332, 0.2970,

0.3142

0.2636

421.1715, 0.3099,
0.3150

■ 1.3080, 0.2906,
0.2429

■ 0.1474, 0.2709,
0.1082

■ 79.2152, 0.3077,
0.3048

■ 79.2152, 0.3077,
0.3048

■ 65.1347, 0.3016,
0.2780

■ 95.3494, 0.3129,
0.3299

■ 53.0119, 0.2944,
0.2501

■ 99.6204, 0.3162,
0.3347

■ 42.7581, 0.2862,
0.2216

■ 34.2737, 0.2772,
0.1936

■ 27.4495, 0.2674,
0.1675

■ 22.1642, 0.2572,
0.1444

■ 18.2788, 0.2469,
0.1257

■ 15.6285, 0.2370,
0.1119

■ 13.9518, 0.2278,
0.1030

Harmonies

Analogous

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



79.2152, 0.2933, 0.3022



79.2152, 0.3077, 0.3048



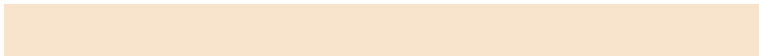
79.2152, 0.3238, 0.3134

Triad

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



79.2152, 0.3077, 0.3048



79.2152, 0.3419, 0.3510



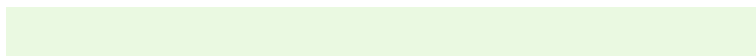
79.2152, 0.2887, 0.3313

Complementary

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



79.2152, 0.3077, 0.3048



90.6842, 0.3173, 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.



79.2152, 0.3013, 0.3454



79.2152, 0.3077, 0.3048



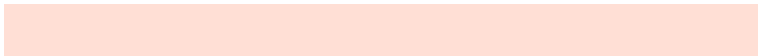
79.2152, 0.3321, 0.3568

Square

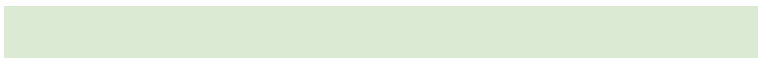
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2152, 0.3077, 0.3048



79.2152, 0.3439, 0.3397



79.2152, 0.3171, 0.3548



79.2152, 0.2826, 0.3170

Rectangle

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



79.2152, 0.3077, 0.3048



79.2152, 0.3333, 0.3216



79.2152, 0.3171, 0.3548



79.2152, 0.2923, 0.3363

Sweetspot

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



79.2186, 0.3077, 0.3048



94.6774, 0.3112, 0.3217



81.8075, 0.2977, 0.3137



19.9676, 0.3108, 0.3197



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.



79.2186, 0.3077, 0.3048



79.9010, 0.3063, 0.2986



80.6562, 0.3156, 0.3080



17.1814, 0.3078, 0.3052



7.5232, 0.2289, 0.1035



0.7572, 0.2398, 0.1095

Inverse Universe

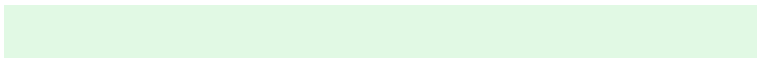
The Inverse Universe completely reimagines the original color for something new.



79.9284, 0.3237, 0.3200



80.8334, 0.3267, 0.3177



89.3569, 0.3099, 0.3510



17.3326, 0.3235, 0.3202



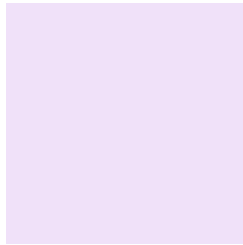
11.2297, 0.5487, 0.2796



1.0598, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 79.2152, 0.3077, 0.3048 looks on a white background.

Color Contrast Check

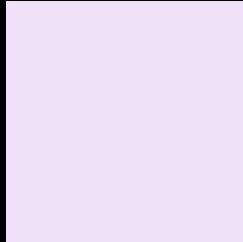
Large Text (above 18pt) WCAG AA × Fail

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 79.2152, 0.3077, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

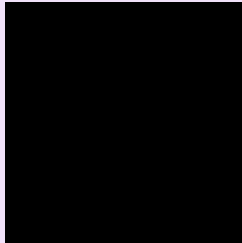
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

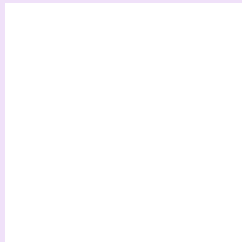
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2152, 0.3077, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 79.2152, 0.3077, 0.3048.

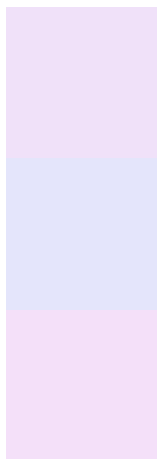


This preview shows how white text looks on a background with the Yxy color 79.2152, 0.3077, 0.3048.

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

79.2152, 0.3077, 0.3048

Protanopia

79.4976, 0.2984, 0.3064

Deuteranopia

79.3840, 0.3104, 0.3040



Tritanopia

79.2751, 0.3101, 0.3107

Trichromacy



Original Color

79.2152, 0.3077, 0.3048

Protanomaly

79.5447, 0.3017, 0.3065

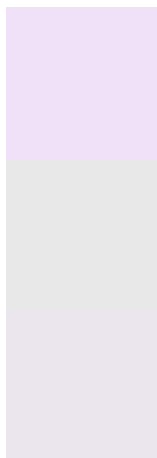
Deuteranomaly

79.2055, 0.3098, 0.3040

Tritanomaly

79.3973, 0.3089, 0.3088

Monochromacy



Original Color

79.2152, 0.3077, 0.3048

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8738, 0.3111, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2152, 0.3077, 0.3048 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(240, 225, 249)` looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 249)  
}
```

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(240, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 249) }
```

Border

The CSS property to change the border of an element to Yxy 79.2152, 0.3077, 0.3048 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(240, 225, 249) }
```

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

```
.border{ border-color:rgb(240, 225, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 225, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2152, 0.3077, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 249) }
```

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

```
.background{ background-color: rgb(240,  
225, 249) }
```

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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