

Converting Colors

$Y_{xy}(79.4572, 0.3090, 0.3201)$

Have a look what the booklet for
Yxy(79.4572, 0.3090, 0.3201)
contains.

Yxy(79.3675, 0.3091, 0.3197)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.3675, 0.3091, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	E8E5EE
RGB	232, 229, 238
RGB Percent	91%, 90%, 93%
CMY	0.0901, 0.1020, 0.0667
CMYK	0.03, 0.04, 0.00, 0.07
HSL	260°, 21%, 92%
HSV	260°, 4%, 93%
XYZ	76.7360, 79.3675, 92.1527
YIQ	230.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

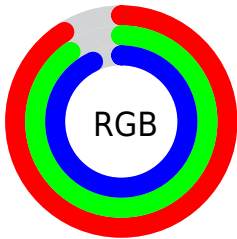
Format	Color
R_{YB}	232, 229, 238
Decimal	15263214
CIE _{Lab}	91.40, 2.64, -4.01
CIE _{LCh}	91, 4.802, 303.399
Yxy	79.3675, 0.3091, 0.3197
Android (android.graphics.Color)	4293453294 (0xFFE8E5EE)
YUV	230.9230, 3.4890, 0.9445
Hunter-Lab	89.0884, -2.1545, 1.0326

Details

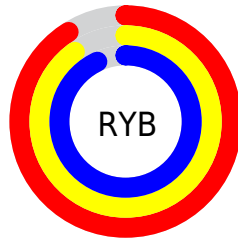
The Yxy color **79.3675, 0.3091, 0.3197** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4529, 0.3162, 0.3382**, and the grayscale version is **79.8295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8796, 0.3080, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **64.5693, 0.2985, 0.2933**, and if you desaturate by 10%, it is **96.2146, 0.3182, 0.3435**.

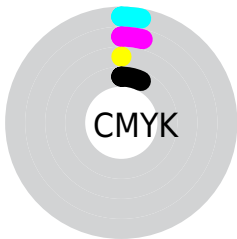
Distribution



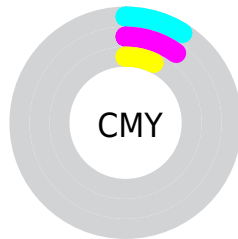
- Red (91%)
- Green (90%)
- Blue (93%)



- Red (91%)
- Yellow (90%)
- Blue (93%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3675, 0.3091, 0.3197 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 79.3675, 0.3091, 0.3197 by changing the saturation by 10% instead.

■ 79.3675, 0.3091,
0.3197

■ 79.3675, 0.3091,
0.3197

492.7987, 0.3108,
0.3239

■ 59.1980, 0.3087,
0.3188

132.4761, 0.3097,
0.3212

■ 42.7725, 0.3083,
0.3176

166.1840, 0.3099,
0.3217

■ 29.7067, 0.3077,
0.3161

205.1735, 0.3101,
0.3222

■ 19.6161, 0.3069,
0.3143

249.8290, 0.3103,
0.3226

■ 12.1163, 0.3059,
0.3117

300.5349, 0.3104,
0.3230

■ 6.8229, 0.3044,
0.3082

357.6755, 0.3105,

■ 3.3516, 0.3022,

0.3234

421.6353, 0.3107,
0.3237

0.3028

1.3179, 0.2982,
0.2936

0.1550, 0.2597,
0.1900

79.3675, 0.3091,
0.3197

79.3675, 0.3091,
0.3197

64.5693, 0.2985,
0.2933

96.2146, 0.3182,
0.3435

51.7306, 0.2862,
0.2644

98.9523, 0.3226,
0.3454

40.7704, 0.2723,
0.2336

31.5981, 0.2570,
0.2016

■ 24.1155, 0.2407,
0.1698

■ 18.2144, 0.2239,
0.1399

■ 13.7738, 0.2076,
0.1137

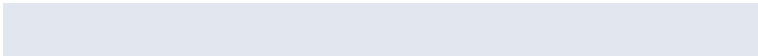
■ 10.6544, 0.1928,
0.0931

■ 8.6877, 0.1802,
0.0790

Harmonies

Analogous

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



79.3675, 0.3044, 0.3197



79.3675, 0.3091, 0.3197



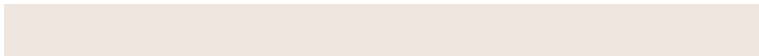
79.3675, 0.3148, 0.3221

Triad

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



79.3675, 0.3091, 0.3197



79.3675, 0.3236, 0.3357



79.3675, 0.3055, 0.3317

Complementary

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



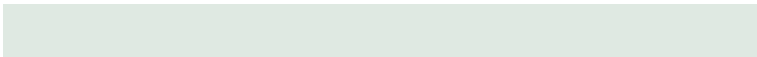
79.3675, 0.3091, 0.3197



84.4529, 0.3162, 0.3382

Split Complementary

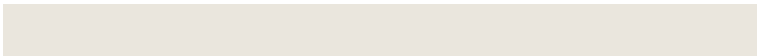
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3675, 0.3106, 0.3361



79.3675, 0.3091, 0.3197



79.3675, 0.3210, 0.3384

Square

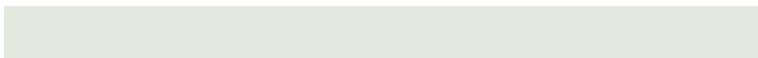
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3675, 0.3091, 0.3197



79.3675, 0.3232, 0.3313



79.3675, 0.3163, 0.3385



79.3675, 0.3024, 0.3266

Rectangle

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



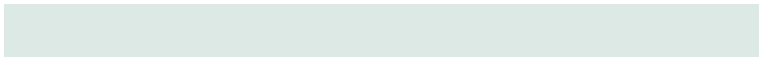
79.3675, 0.3091, 0.3197



79.3675, 0.3184, 0.3248



79.3675, 0.3163, 0.3385



79.3675, 0.3071, 0.3333

Sweetspot

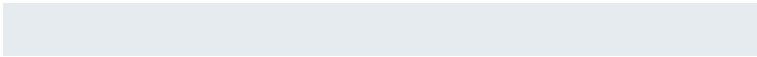
The Sweet Spot groups the original color and five complimentary colors.



79.3709, 0.3091, 0.3197



98.0647, 0.3118, 0.3266



82.2413, 0.3069, 0.3259



21.0103, 0.3118, 0.3267



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.



79.3709, 0.3091, 0.3197



90.5659, 0.3079, 0.3166



80.1266, 0.3121, 0.3198



16.7373, 0.3072, 0.3149



4.4663, 0.1751, 0.0738



0.4242, 0.1894, 0.0817

Inverse Universe

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



80.2080, 0.3151, 0.3229



91.8592, 0.3159, 0.3209



83.7037, 0.3133, 0.3383



17.0110, 0.3163, 0.3198



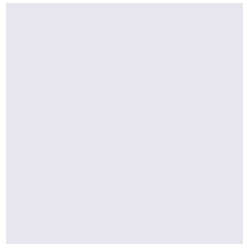
11.5376, 0.4289, 0.2136



0.9783, 0.4110, 0.2038

Previews

White Background



This preview shows how the Yxy color 79.3675, 0.3091, 0.3197 looks on a white background.

Color Contrast Check

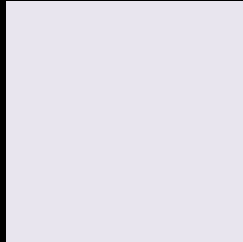
Large Text (above 18pt) WCAG AA × Fail

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 79.3675, 0.3091, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

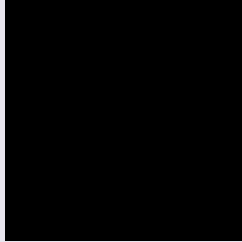
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

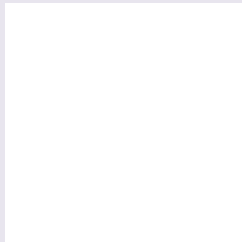
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3675, 0.3091, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 79.3675, 0.3091, 0.3197.

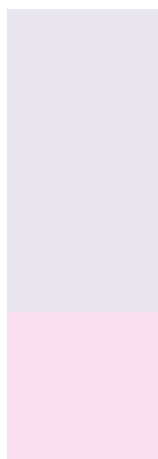


This preview shows how white text looks on a background with the Yxy color 79.3675, 0.3091, 0.3197.

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

79.3675, 0.3091, 0.3197

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

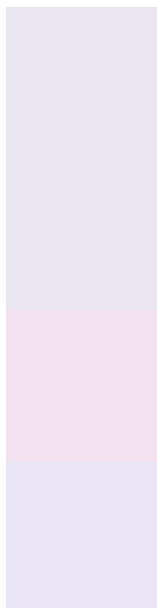
79.1471, 0.3205, 0.3130



Tritanopia

79.4643, 0.3048, 0.3106

Trichromacy



Original Color

79.3675, 0.3091, 0.3197

Protanomaly

79.3675, 0.3091, 0.3197

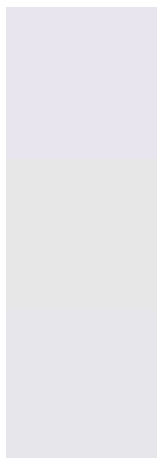
Deuteranomaly

79.1371, 0.3162, 0.3148

Tritanomaly

79.2815, 0.3066, 0.3136

Monochromacy



Original Color

79.3675, 0.3091, 0.3197

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5231, 0.3109, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3675, 0.3091, 0.3197 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(232, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 238)  
}
```

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(232, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.3675, 0.3091, 0.3197 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(232, 229, 238) }
```

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

```
.border{ border-color:rgb(232, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 229, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 229, 238); box-shadow:4px 4px 4px 4px rgb(232, 229, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3675, 0.3091, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 238) }
```

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

```
.background{ background-color: rgb(232,  
229, 238) }
```

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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