

Converting Colors

$Y_{xy}(75.2103, 0.3122, 0.3207)$

Have a look what the booklet for
Yxy(75.2103, 0.3122, 0.3207)
contains.

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Color

Yxy(75.2029, 0.3117, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	E5DFE7
RGB	229, 223, 231
RGB Percent	90%, 87%, 91%
CMY	0.1021, 0.1254, 0.0942
CMYK	0.01, 0.03, 0.00, 0.09
HSL	285°, 14%, 89%
HSV	285°, 3%, 91%
XYZ	73.1152, 75.2029, 86.2511
YIQ	225.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

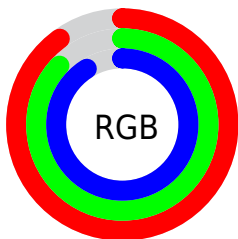
Format	Color
R_{YB}	229, 223, 231
Decimal	15065063
CIE Lab	89.49, 3.45, -3.18
CIE LCh	89, 4.687, 317.310
Yxy	75.2029, 0.3117, 0.3206
Android (android.graphics.Color)	4293255143 (0xFFE5DFE7)
YUV	225.7060, 2.6099, 2.8888
Hunter-Lab	86.7196, -1.2620, 1.7340

Details

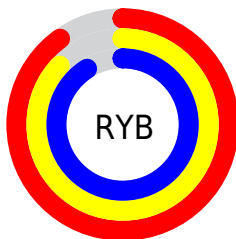
The Yxy color $75.2029, 0.3117, 0.3206$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78.4848, 0.3137, 0.3375$, and the grayscale version is $75.8088, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.0991, 0.3123, 0.3194$ is the 20% darker color. If you saturate the color by 10%, you get $62.7478, 0.3083, 0.2953$, and if you desaturate by 10%, it is $89.3805, 0.3145, 0.3444$.

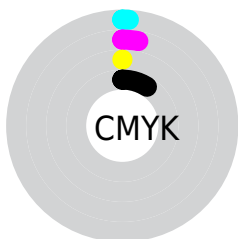
Distribution



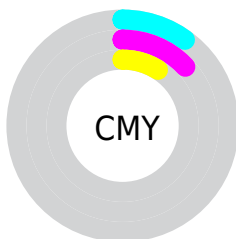
- Red (90%)
- Green (87%)
- Blue (91%)



- Red (90%)
- Yellow (87%)
- Blue (91%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2029, 0.3117, 0.3206 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 75.2029, 0.3117, 0.3206 by changing the saturation by 10% instead.

■ 75.2029, 0.3117,
0.3206

■ 75.2029, 0.3117,
0.3206

478.6147, 0.3122,
0.3245

■ 55.7791, 0.3116,
0.3197

126.5995, 0.3119,
0.3219

■ 40.0259, 0.3114,
0.3187

159.3412, 0.3119,
0.3224

■ 27.5587, 0.3113,
0.3173

197.2909, 0.3120,
0.3229

■ 17.9933, 0.3110,
0.3155

240.8331, 0.3120,
0.3233

■ 10.9452, 0.3107,
0.3132

290.3522, 0.3121,
0.3236

■ 6.0300, 0.3102,
0.3098

346.2326, 0.3121,

■ 2.8633, 0.3095,

0.3239

408.8586, 0.3122,
0.3242

0.3045

1.0608, 0.3080,
0.2954

0.0000, 0.1585,
0.0000

75.2029, 0.3117,
0.3206

75.2029, 0.3117,
0.3206

62.7478, 0.3083,
0.2953

89.3805, 0.3145,
0.3444

51.9376, 0.3043,
0.2687

95.9284, 0.3176,
0.3529

42.7028, 0.2996,
0.2417

96.9710, 0.3213,
0.3526

34.9654, 0.2941,
0.2150

98.0469, 0.3251,
0.3524

■ 28.6405, 0.2881,
0.1897

■ 98.5487, 0.3268,
0.3523

■ 23.6346, 0.2816,
0.1670

■ 19.8427, 0.2747,
0.1479

■ 17.1437, 0.2678,
0.1332

■ 15.3905, 0.2611,
0.1233

Harmonies

Analogous

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



75.2029, 0.3064, 0.3194



75.2029, 0.3117, 0.3206



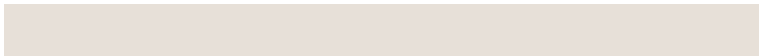
75.2029, 0.3173, 0.3240

Triad

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



75.2029, 0.3117, 0.3206



75.2029, 0.3227, 0.3372



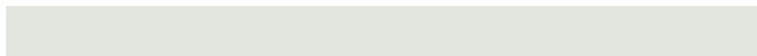
75.2029, 0.3038, 0.3293

Complementary

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



75.2029, 0.3117, 0.3206



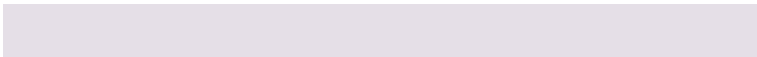
78.4848, 0.3137, 0.3375

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.



75.2029, 0.3081, 0.3342



75.2029, 0.3117, 0.3206



75.2029, 0.3190, 0.3387

Square

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



75.2029, 0.3117, 0.3206



75.2029, 0.3237, 0.3335



75.2029, 0.3137, 0.3376



75.2029, 0.3019, 0.3244

Rectangle

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



75.2029, 0.3117, 0.3206



75.2029, 0.3204, 0.3270



75.2029, 0.3137, 0.3376



75.2029, 0.3050, 0.3310

Sweetspot

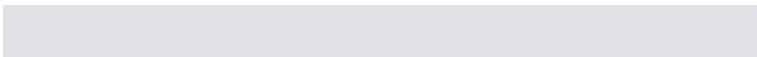
The Sweet Spot groups the original color and five complimentary colors.



75.2061, 0.3117, 0.3206



98.2617, 0.3124, 0.3266



75.3864, 0.3075, 0.3228



21.0504, 0.3124, 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.



75.2061, 0.3117, 0.3206



93.1779, 0.3115, 0.3192



75.4350, 0.3143, 0.3226



15.7026, 0.3113, 0.3174



8.2503, 0.2578, 0.1194



0.6530, 0.2674, 0.1247

Inverse Universe

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



75.2088, 0.3170, 0.3269



93.1827, 0.3178, 0.3265



78.2636, 0.3111, 0.3355



15.7038, 0.3187, 0.3261



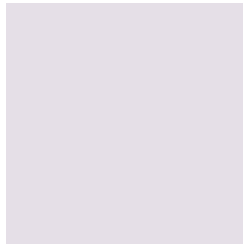
9.7148, 0.5915, 0.3032



0.7326, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 75.2029, 0.3117, 0.3206 looks on a white background.

Color Contrast Check

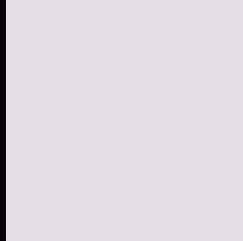
Large Text (above 18pt) WCAG AA × Fail

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 75.2029, 0.3117, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

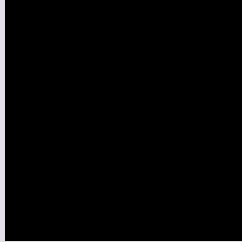
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

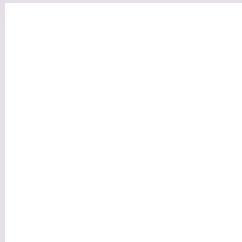
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2029, 0.3117, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 75.2029, 0.3117, 0.3206.

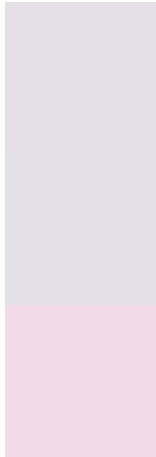


This preview shows how white text looks on a background with the Yxy color 75.2029, 0.3117, 0.3206.

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

75.2029, 0.3117, 0.3206

Protanopia

75.4117, 0.3103, 0.3216

Deuteranopia

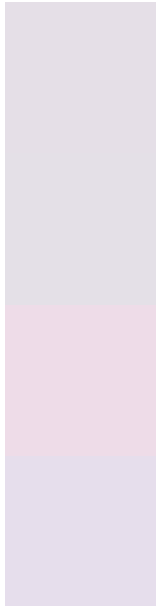
75.0237, 0.3213, 0.3147



Tritanopia

75.2975, 0.3073, 0.3113

Trichromacy



Original Color

75.2029, 0.3117, 0.3206

Protanomaly

75.5748, 0.3110, 0.3216

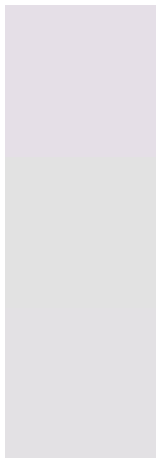
Deuteranomaly

75.1897, 0.3176, 0.3166

Tritanomaly

75.1217, 0.3092, 0.3143

Monochromacy



Original Color

75.2029, 0.3117, 0.3206

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7828, 0.3122, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2029, 0.3117, 0.3206 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(229, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 231)  
}
```

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(229, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 231) }
```

Border

The CSS property to change the border of an element to Yxy 75.2029, 0.3117, 0.3206 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(229, 223, 231) }
```

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

```
.border{ border-color:rgb(229, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2029, 0.3117, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 231) }
```

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

```
.background{ background-color: rgb(229,  
223, 231) }
```

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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