

Converting Colors

$Yxy(79.6897, 0.3077, 0.3206)$

Have a look what the booklet for
Yxy(79.6897, 0.3077, 0.3206)
contains.

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Color

Yxy(79.5897, 0.3077, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	E6E6EE
RGB	230, 230, 238
RGB Percent	90%, 90%, 93%
CMY	0.0980, 0.0980, 0.0667
CMYK	0.03, 0.03, 0.00, 0.07
HSL	240°, 19%, 92%
HSV	240°, 3%, 93%
XYZ	76.3634, 79.5897, 92.2218
YIQ	230.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

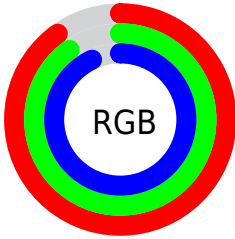
Format	Color
R _Y B	230, 230, 238
Decimal	15132398
CIE Lab	91.50, 1.46, -3.88
CIE LCh	92, 4.148, 290.564
Yxy	79.5897, 0.3077, 0.3207
Android (android.graphics.Color)	4293322478 (0xFFE6E6EE)
YUV	230.9120, 3.4944, -0.7998
Hunter-Lab	89.2131, -3.3328, 1.1596

Details

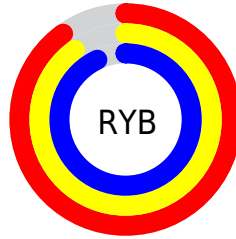
The Yxy color **79.5897, 0.3077, 0.3207** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0355, 0.3177, 0.3372**, and the grayscale version is **79.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1513, 0.3070, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **63.5674, 0.2914, 0.2937**, and if you desaturate by 10%, it is **97.9642, 0.3220, 0.3443**.

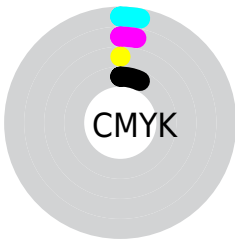
Distribution



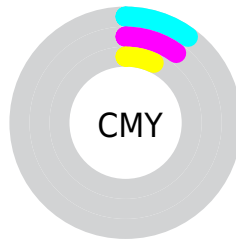
- Red (90%)
- Green (90%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5897, 0.3077, 0.3207 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 79.5897, 0.3077, 0.3207 by changing the saturation by 10% instead.

■ 79.5897, 0.3077,
0.3207

■ 79.5897, 0.3077,
0.3207

493.5490, 0.3100,
0.3245

■ 59.3808, 0.3072,
0.3199

132.7887, 0.3085,
0.3220

■ 42.9197, 0.3065,
0.3188

166.5476, 0.3088,
0.3225

■ 29.8221, 0.3057,
0.3175

205.5919, 0.3091,
0.3229

■ 19.7036, 0.3047,
0.3158

250.3061, 0.3093,
0.3233

■ 12.1798, 0.3033,
0.3136

301.0745, 0.3095,
0.3237

■ 6.8662, 0.3013,
0.3104

358.2815, 0.3097,

■ 3.3786, 0.2983,

0.3240

0.3055

422.3116, 0.3098,
0.3242

■ 1.3324, 0.2930,
0.2972

■ 0.1661, 0.2383,
0.2046

■ 79.5897, 0.3077,
0.3207

■ 79.5897, 0.3077,
0.3207

■ 63.5674, 0.2914,
0.2937

■ 97.9642, 0.3220,
0.3443

■ 49.7928, 0.2729,
0.2632

■ 98.9528, 0.3226,
0.3454

■ 38.1684, 0.2527,
0.2297

■ 28.5858, 0.2312,
0.1942

■ 20.9272, 0.2096,
0.1584

■ 15.0627, 0.1894,
0.1250

■ 10.8463, 0.1723,
0.0967

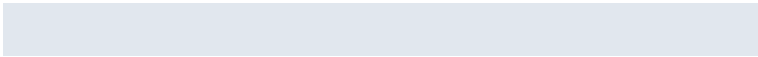
■ 8.1094, 0.1597,
0.0760

■ 6.6472, 0.1525,
0.0640

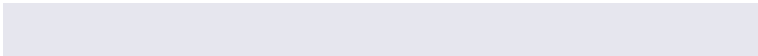
Harmonies

Analogous

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



79.5897, 0.3044, 0.3217



79.5897, 0.3077, 0.3207



79.5897, 0.3124, 0.3219

Triad

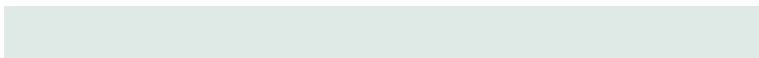
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5897, 0.3077, 0.3207



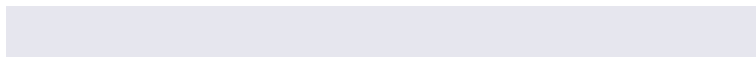
79.5897, 0.3222, 0.3333



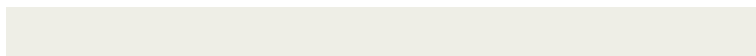
79.5897, 0.3083, 0.3331

Complementary

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



79.5897, 0.3077, 0.3207



85.0355, 0.3177, 0.3372

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.



79.5897, 0.3130, 0.3363



79.5897, 0.3077, 0.3207



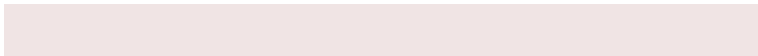
79.5897, 0.3211, 0.3364

Square

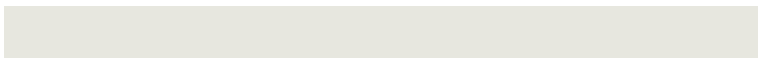
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



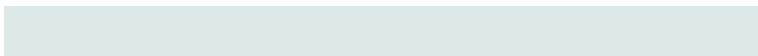
79.5897, 0.3077, 0.3207



79.5897, 0.3208, 0.3292



79.5897, 0.3177, 0.3375



79.5897, 0.3047, 0.3288

Rectangle

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



79.5897, 0.3077, 0.3207



79.5897, 0.3156, 0.3238



79.5897, 0.3177, 0.3375



79.5897, 0.3098, 0.3343

Sweetspot

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



79.5931, 0.3077, 0.3207



97.9036, 0.3112, 0.3266



84.1429, 0.3075, 0.3290



20.9775, 0.3113, 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.



79.5931, 0.3077, 0.3207



91.7813, 0.3067, 0.3190



80.2611, 0.3104, 0.3208



16.9230, 0.3056, 0.3172



3.4445, 0.1500, 0.0600



0.2867, 0.1501, 0.0600

Inverse Universe

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



80.9449, 0.3131, 0.3209



93.6635, 0.3132, 0.3193



84.3522, 0.3150, 0.3372



17.3372, 0.3133, 0.3175



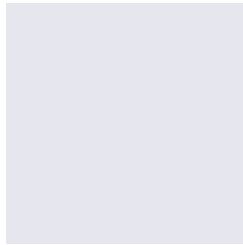
13.5810, 0.3210, 0.1542



1.1299, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 79.5897, 0.3077, 0.3207 looks on a white background.

Color Contrast Check

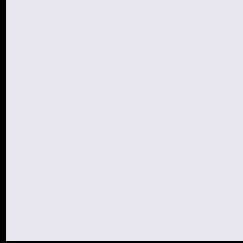
Large Text (above 18pt) WCAG AA × Fail

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 79.5897, 0.3077, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

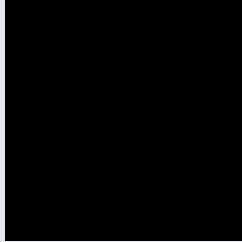
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

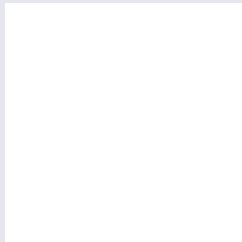
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5897, 0.3077, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 79.5897, 0.3077, 0.3207.

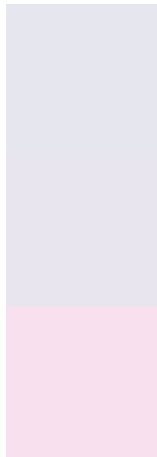


This preview shows how white text looks on a background with the Yxy color 79.5897, 0.3077, 0.3207.

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

79.5897, 0.3077, 0.3207

Protanopia

79.5353, 0.3097, 0.3197

Deuteranopia

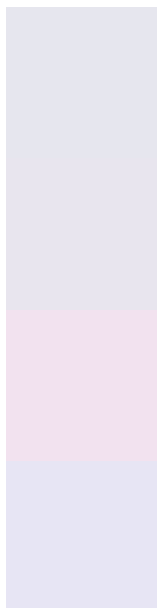
79.6830, 0.3204, 0.3140



Tritanopia

79.7429, 0.3028, 0.3105

Trichromacy



Original Color

79.5897, 0.3077, 0.3207

Protanomaly

79.3675, 0.3091, 0.3197

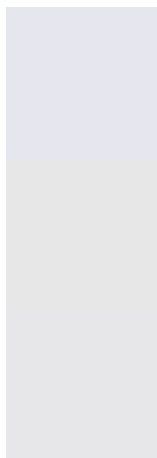
Deuteranomaly

79.5020, 0.3154, 0.3158

Tritanomaly

79.5592, 0.3047, 0.3136

Monochromacy



Original Color

79.5897, 0.3077, 0.3207

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.0813, 0.3108, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5897, 0.3077, 0.3207 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(230, 230, 238)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 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(230, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.5897, 0.3077, 0.3207 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(230, 230, 238) }
```

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

```
.border{ border-color:rgb(230, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5897, 0.3077, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 238) }
```

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

```
.background{ background-color: rgb(230,  
230, 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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