

Converting Colors

$Y_{xy}(78.6235, 0.3221, 0.3239)$

Have a look what the booklet for
Yxy(78.6235, 0.3221, 0.3239)
contains.

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Color

Yxy(78.6183, 0.3221, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F3E1E6
RGB	243, 225, 230
RGB Percent	95%, 88%, 90%
CMY	0.0469, 0.1177, 0.0980
CMYK	0.00, 0.07, 0.05, 0.05
HSL	343°, 43%, 92%
HSV	343°, 7%, 95%
XYZ	78.1814, 78.6183, 85.9243
YIQ	230.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

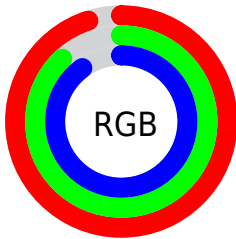
Format	Color
R _Y B	243, 225, 230
Decimal	15983078
CIE Lab	91.06, 7.01, -0.23
CIE LCh	91, 7.013, 358.109
Yxy	78.6183, 0.3221, 0.3239
Android (android.graphics.Color)	4294173158 (0xFF3E1E6)
YUV	230.9520, -0.4693, 10.5661
Hunter-Lab	88.6670, 2.2238, 4.6108

Details

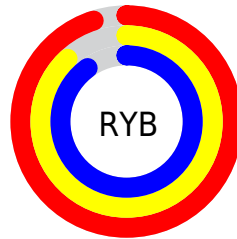
The Yxy color **78.6183, 0.3221, 0.3239** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **86.3059, 0.3041, 0.3342**, and the grayscale version is **79.8779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4094, 0.3240, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **65.4668, 0.3373, 0.3166**, and if you desaturate by 10%, it is **93.7461, 0.3098, 0.3307**.

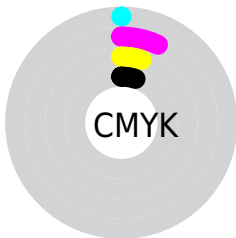
Distribution



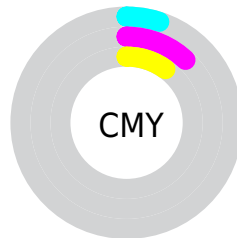
- Red (95%)
- Green (88%)
- Blue (90%)



- Red (95%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6183, 0.3221, 0.3239 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 78.6183, 0.3221, 0.3239 by changing the saturation by 10% instead.

 78.6183, 0.3221,
0.3239

 78.6183, 0.3221,
0.3239


490.2641, 0.3178,
0.3262

 58.5820, 0.3231,
0.3234


131.4214, 0.3206,
0.3247

 42.2767, 0.3243,
0.3227


164.9570, 0.3200,
0.3250

 29.3181, 0.3257,
0.3219


203.7611, 0.3196,
0.3253

 19.3216, 0.3277,
0.3209

248.2182, 0.3191,
0.3255

 11.9029, 0.3303,
0.3194

298.7127, 0.3187,
0.3257

 6.6776, 0.3340,
0.3174

355.6289, 0.3184,

 3.2613, 0.3398,

0.3259

0.3143

419.3512, 0.3181,
0.3261

■ 1.2696, 0.3498,
0.3089

■ 0.1175, 0.5195,
0.2158

■ 78.6183, 0.3221,
0.3239

■ 78.6183, 0.3221,
0.3239

■ 65.4668, 0.3373,
0.3166

■ 93.7461, 0.3098,
0.3307

■ 54.1998, 0.3559,
0.3091

■ 97.8019, 0.3054,
0.3290

■ 44.7336, 0.3787,
0.3015

■ 36.9739, 0.4060,
0.2944

■ 30.8181, 0.4381,
0.2886

■ 26.1521, 0.4741,
0.2852

■ 22.8470, 0.5121,
0.2854

■ 20.7513, 0.5489,
0.2900

■ 19.6669, 0.5807,
0.2988

Harmonies

Analogous

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



78.6183, 0.3142, 0.3181



78.6183, 0.3221, 0.3239



78.6183, 0.3275, 0.3311

Triad

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



78.6183, 0.3221, 0.3239



78.6183, 0.3193, 0.3433



78.6183, 0.2968, 0.3200

Complementary

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



78.6183, 0.3221, 0.3239



86.3059, 0.3041, 0.3342

Split Complementary

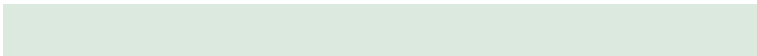
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6183, 0.2982, 0.3267



78.6183, 0.3221, 0.3239



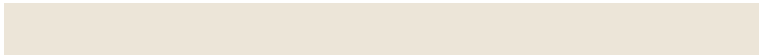
78.6183, 0.3111, 0.3403

Square

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



78.6183, 0.3221, 0.3239



78.6183, 0.3258, 0.3423



78.6183, 0.3034, 0.3342



78.6183, 0.2997, 0.3158

Rectangle

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



78.6183, 0.3221, 0.3239



78.6183, 0.3289, 0.3357



78.6183, 0.3034, 0.3342



78.6183, 0.2968, 0.3220

Sweetspot

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



78.6217, 0.3221, 0.3239



96.5542, 0.3151, 0.3277



78.4840, 0.3101, 0.3106



20.7027, 0.3150, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

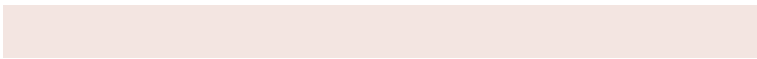
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6217, 0.3221, 0.3239



85.1999, 0.3243, 0.3228



80.4823, 0.3251, 0.3330



16.5583, 0.3250, 0.3224



10.7038, 0.5840, 0.2991



0.9575, 0.5486, 0.2796

Inverse Universe

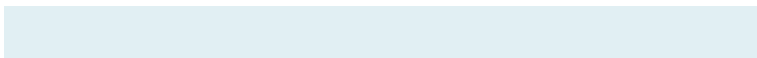
The Inverse Universe completely reimagines the original color for something new.



78.6217, 0.3221, 0.3239



85.1999, 0.3243, 0.3228



84.2888, 0.3012, 0.3249



16.5583, 0.3250, 0.3224



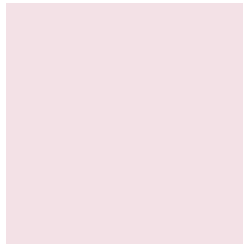
10.7038, 0.5840, 0.2991



0.9575, 0.5486, 0.2796

Previews

White Background



This preview shows how the Yxy color 78.6183, 0.3221, 0.3239 looks on a white background.

Color Contrast Check

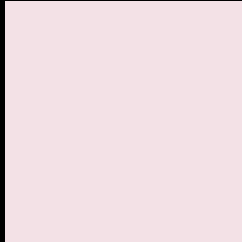
Large Text (above 18pt) WCAG AA × Fail

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 78.6183, 0.3221, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

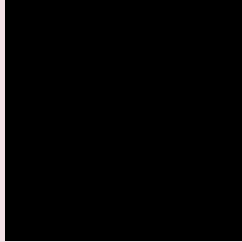
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6183, 0.3221, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 78.6183, 0.3221, 0.3239.

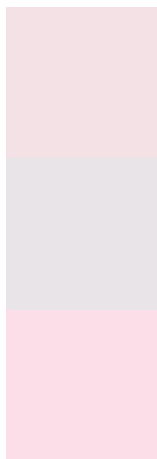


This preview shows how white text looks on a background with the Yxy color 78.6183, 0.3221, 0.3239.

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

78.6183, 0.3221, 0.3239

Protanopia

78.6366, 0.3136, 0.3248

Deuteranopia

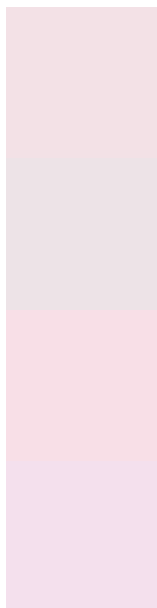
78.5213, 0.3274, 0.3200



Tritanopia

78.5387, 0.3164, 0.3109

Trichromacy



Original Color

78.6183, 0.3221, 0.3239

Protanomaly

78.7122, 0.3171, 0.3249

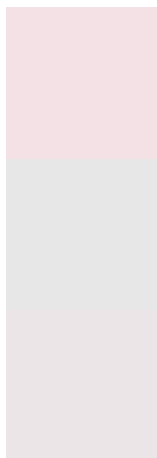
Deuteranomaly

78.5013, 0.3251, 0.3210

Tritanomaly

78.6588, 0.3182, 0.3159

Monochromacy



Original Color

78.6183, 0.3221, 0.3239

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.4703, 0.3156, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6183, 0.3221, 0.3239 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(243, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 230)  
}
```

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(243, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 230) }
```

Border

The CSS property to change the border of an element to Yxy 78.6183, 0.3221, 0.3239 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(243, 225, 230) }
```

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

```
.border{ border-color:rgb(243, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6183, 0.3221, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 230) }
```

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

```
.background{ background-color: rgb(243,  
225, 230) }
```

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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