

Converting Colors

$Y_{xy}(79.2169, 0.3213, 0.3239)$

Have a look what the booklet for
Yxy(79.2169, 0.3213, 0.3239)
contains.

Yxy(79.2169, 0.3213, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2169, 0.3213, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F3E2E7
RGB	243, 226, 231
RGB Percent	95%, 89%, 91%
CMY	0.0471, 0.1137, 0.0940
CMYK	0.00, 0.07, 0.05, 0.05
HSL	342°, 41%, 92%
HSV	342°, 7%, 95%
XYZ	78.5810, 79.2169, 86.7742
YIQ	231.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

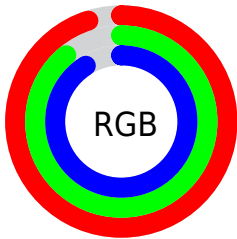
Format	Color
R _Y B	243, 226, 231
Decimal	15983335
CIE Lab	91.33, 6.64, -0.37
CIE LCh	91, 6.648, 356.797
Yxy	79.2169, 0.3213, 0.3239
Android (android.graphics.Color)	4294173415 (0xFF3E2E7)
YUV	231.6530, -0.3219, 9.9513
Hunter-Lab	89.0039, 1.8398, 4.4980

Details

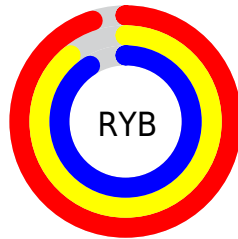
The Yxy color **79.2169, 0.3213, 0.3239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4310, 0.3048, 0.3342**, and the grayscale version is **80.4227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7858, 0.3239, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **66.0083, 0.3360, 0.3162**, and if you desaturate by 10%, it is **94.3994, 0.3094, 0.3311**.

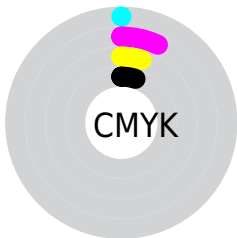
Distribution



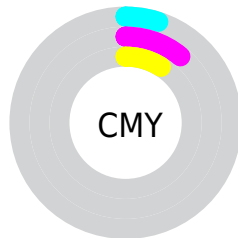
- Red (95%)
- Green (89%)
- Blue (91%)



- Red (95%)
- Yellow (89%)
- Blue (91%)



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





- Cyan (5%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2169, 0.3213, 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 79.2169, 0.3213, 0.3239 by changing the saturation by 10% instead.

 79.2169, 0.3213,
0.3239

 79.2169, 0.3213,
0.3239

492.2898, 0.3174,
0.3262

 59.0742, 0.3222,
0.3234


132.2642, 0.3200,
0.3247

 42.6728, 0.3233,
0.3227


165.9375, 0.3194,
0.3250

 29.6285, 0.3246,
0.3219


204.8898, 0.3190,
0.3253

 19.5568, 0.3264,
0.3209

249.5055, 0.3186,
0.3255

 12.0733, 0.3288,
0.3195

300.1689, 0.3182,
0.3257

 6.7936, 0.3322,
0.3175

357.2645, 0.3179,

 3.3334, 0.3373,

0.3259

0.3144

421.1767, 0.3176,
0.3261

■ 1.3081, 0.3463,
0.3091

■ 0.1475, 0.4750,
0.2318

■ 79.2169, 0.3213,
0.3239

■ 79.2169, 0.3213,
0.3239

■ 66.0083, 0.3360,
0.3162

■ 94.3994, 0.3094,
0.3311

■ 54.6821, 0.3540,
0.3081

■ 97.7915, 0.3053,
0.3290

■ 45.1553, 0.3759,
0.3000

■ 37.3342, 0.4023,
0.2924

■ 31.1169, 0.4332,
0.2861

■ 26.3903, 0.4680,
0.2822

■ 23.0267, 0.5051,
0.2819

■ 20.8761, 0.5413,
0.2862

■ 19.7477, 0.5732,
0.2949

Harmonies

Analogous

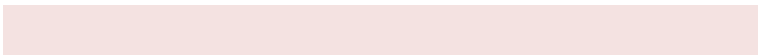
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2169, 0.3138, 0.3185



79.2169, 0.3213, 0.3239



79.2169, 0.3265, 0.3307

Triad

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



79.2169, 0.3213, 0.3239



79.2169, 0.3193, 0.3425



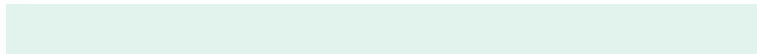
79.2169, 0.2977, 0.3207

Complementary

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



79.2169, 0.3213, 0.3239



86.4310, 0.3048, 0.3342

Split Complementary

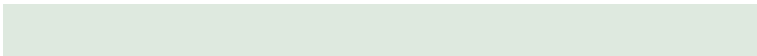
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2169, 0.2991, 0.3271



79.2169, 0.3213, 0.3239



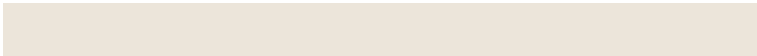
79.2169, 0.3115, 0.3399

Square

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



79.2169, 0.3213, 0.3239



79.2169, 0.3253, 0.3415



79.2169, 0.3041, 0.3342



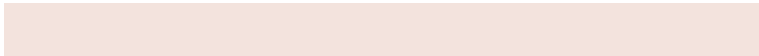
79.2169, 0.3002, 0.3166

Rectangle

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



79.2169, 0.3213, 0.3239



79.2169, 0.3280, 0.3351



79.2169, 0.3041, 0.3342



79.2169, 0.2977, 0.3227

Sweetspot

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



79.2204, 0.3213, 0.3239



96.5600, 0.3151, 0.3276



79.0255, 0.3100, 0.3117



20.7038, 0.3149, 0.3276



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.



79.2204, 0.3213, 0.3239



86.7773, 0.3227, 0.3231



80.8050, 0.3243, 0.3325



16.5632, 0.3247, 0.3220



10.7348, 0.5778, 0.2957



0.9608, 0.5424, 0.2761

Inverse Universe

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



79.2204, 0.3213, 0.3239



86.7773, 0.3227, 0.3231



84.7176, 0.3019, 0.3255



16.5632, 0.3247, 0.3220



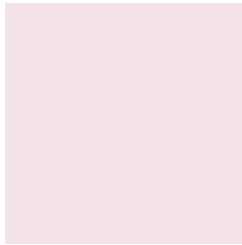
10.7348, 0.5778, 0.2957



0.9608, 0.5424, 0.2761

Previews

White Background



This preview shows how the Yxy color 79.2169, 0.3213, 0.3239 looks on a white background.

Color Contrast Check

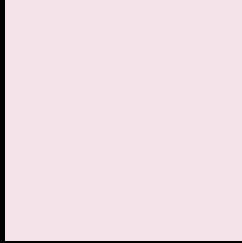
Large Text (above 18pt) WCAG AA × Fail

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 79.2169, 0.3213, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

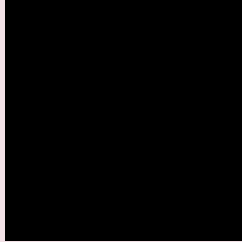
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

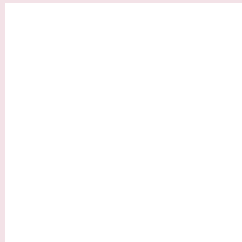
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2169, 0.3213, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 79.2169, 0.3213, 0.3239.

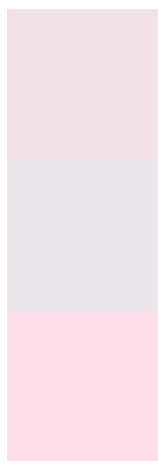


This preview shows how white text looks on a background with the Yxy color 79.2169, 0.3213, 0.3239.

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

79.2169, 0.3213, 0.3239

Protanopia

79.2455, 0.3129, 0.3249

Deuteranopia

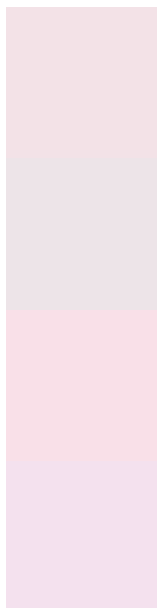
79.2970, 0.3273, 0.3200



Tritanopia

79.1346, 0.3157, 0.3109

Trichromacy



Original Color

79.2169, 0.3213, 0.3239

Protanomaly

79.3175, 0.3164, 0.3249

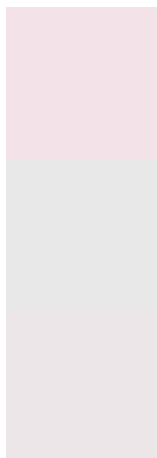
Deuteranomaly

79.2772, 0.3251, 0.3210

Tritanomaly

79.2566, 0.3175, 0.3159

Monochromacy



Original Color

79.2169, 0.3213, 0.3239

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.2527, 0.3155, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2169, 0.3213, 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, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(243, 226, 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(243, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 226, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.2169, 0.3213, 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, 226, 231) }
```

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

```
.border{ border-color:rgb(243, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(243, 226,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2169, 0.3213, 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, 226, 231) }
```

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

```
.background{ background-color: rgb(243,  
226, 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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