

Converting Colors

$Yxy(81.1002, 0.3161, 0.3205)$

Have a look what the booklet for
Yxy(81.1002, 0.3161, 0.3205)
contains.

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Color

Yxy(81.0889, 0.3159, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	F2E5EE
RGB	242, 229, 238
RGB Percent	95%, 90%, 93%
CMY	0.0509, 0.1020, 0.0667
CMYK	0.00, 0.05, 0.02, 0.05
HSL	319°, 33%, 92%
HSV	319°, 5%, 95%
XYZ	80.0750, 81.0889, 92.3182
YIQ	233.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

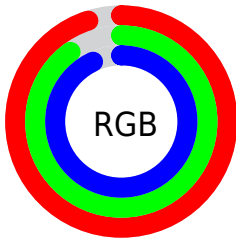
Format	Color
R _Y B	242, 229, 238
Decimal	15918574
CIE Lab	92.17, 5.98, -2.79
CIE LCh	92, 6.598, 334.957
Yxy	81.0889, 0.3159, 0.3199
Android (android.graphics.Color)	4294108654 (0xFF2E5EE)
YUV	233.9130, 2.0149, 7.0923
Hunter-Lab	90.0494, 1.1419, 2.2508

Details

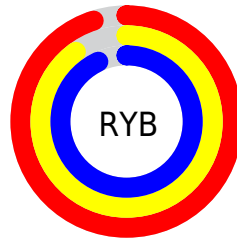
The Yxy color **81.0889, 0.3159, 0.3199** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.0602, 0.3097, 0.3383**, and the grayscale version is **82.1960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0886, 0.3167, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **68.1893, 0.3226, 0.3024**, and if you desaturate by 10%, it is **95.8808, 0.3102, 0.3366**.

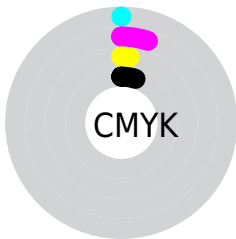
Distribution



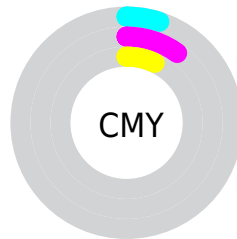
- Red (95%)
- Green (90%)
- Blue (93%)



- Red (95%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0889, 0.3159, 0.3199 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 81.0889, 0.3159, 0.3199 by changing the saturation by 10% instead.

 81.0889, 0.3159,
0.3199

 81.0889, 0.3159,
0.3199


498.5950, 0.3145,
0.3240

 60.6148, 0.3162,
0.3190


134.8956, 0.3154,
0.3213

 43.9144, 0.3166,
0.3179


168.9970, 0.3152,
0.3219

 30.6032, 0.3171,
0.3165


208.4096, 0.3151,
0.3223

 20.2969, 0.3177,
0.3147

253.5179, 0.3149,
0.3228

 12.6110, 0.3185,
0.3123

304.7061, 0.3148,
0.3231

 7.1613, 0.3197,
0.3089

362.3588, 0.3147,

 3.5632, 0.3214,

0.3235

0.3038

426.8603, 0.3146,
0.3237

■ 1.4323, 0.3243,
0.2954

■ 0.2404, 0.3493,
0.2243

■ 81.0889, 0.3159,
0.3199

■ 81.0889, 0.3159,
0.3199

■ 68.1893, 0.3226,
0.3024

■ 95.8808, 0.3102,
0.3366

■ 57.0944, 0.3306,
0.2843

■ 97.4902, 0.3059,
0.3310

■ 47.7255, 0.3397,
0.2662

■ 97.6213, 0.3048,
0.3290

■ 39.9938, 0.3502,
0.2488

■ 33.8025, 0.3618,
0.2330

■ 29.0448, 0.3744,
0.2200

■ 25.6000, 0.3876,
0.2109

■ 23.3273, 0.4010,
0.2065

■ 22.0535, 0.4141,
0.2072

Harmonies

Analogous

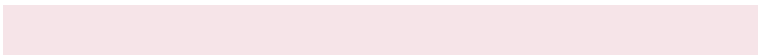
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0889, 0.3081, 0.3164



81.0889, 0.3159, 0.3199



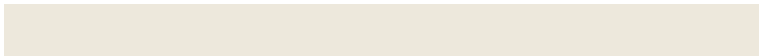
81.0889, 0.3229, 0.3257

Triad

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



81.0889, 0.3159, 0.3199



81.0889, 0.3238, 0.3419



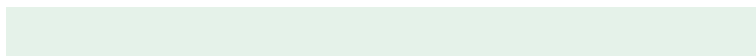
81.0889, 0.2985, 0.3253

Complementary

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



81.0889, 0.3159, 0.3199



86.0602, 0.3097, 0.3383

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.



81.0889, 0.3026, 0.3323



81.0889, 0.3159, 0.3199



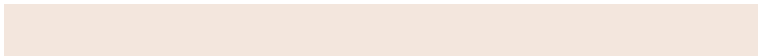
81.0889, 0.3172, 0.3420

Square

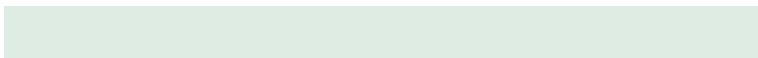
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0889, 0.3159, 0.3199



81.0889, 0.3275, 0.3384



81.0889, 0.3094, 0.3384



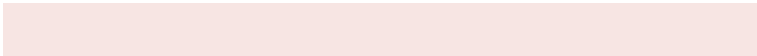
81.0889, 0.2982, 0.3194

Rectangle

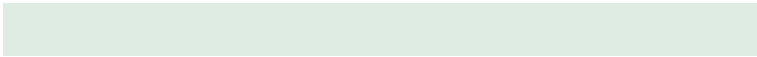
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0889, 0.3159, 0.3199



81.0889, 0.3261, 0.3302



81.0889, 0.3094, 0.3384



81.0889, 0.2995, 0.3276

Sweetspot

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



81.0924, 0.3159, 0.3199



96.6880, 0.3139, 0.3256



79.7582, 0.3072, 0.3156



20.7299, 0.3138, 0.3258



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.



81.0924, 0.3159, 0.3199



90.3229, 0.3163, 0.3188



80.7231, 0.3200, 0.3264



16.7424, 0.3167, 0.3178



11.6700, 0.4179, 0.2076



0.9886, 0.4020, 0.1988

Inverse Universe

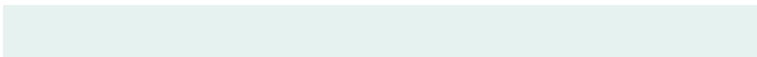
The Inverse Universe completely reimagines the original color for something new.



81.0924, 0.3159, 0.3199



90.3229, 0.3163, 0.3188



86.4324, 0.3059, 0.3317



16.7424, 0.3167, 0.3178



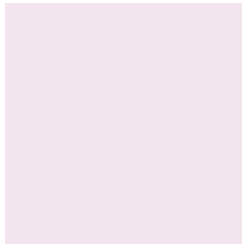
11.6700, 0.4179, 0.2076



0.9886, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 81.0889, 0.3159, 0.3199 looks on a white background.

Color Contrast Check

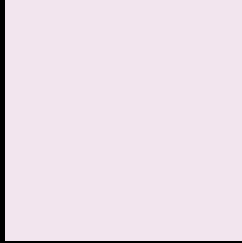
Large Text (above 18pt) WCAG AA × Fail

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 81.0889, 0.3159, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

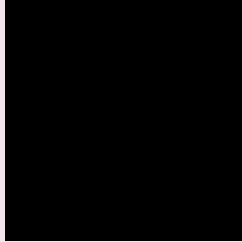
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

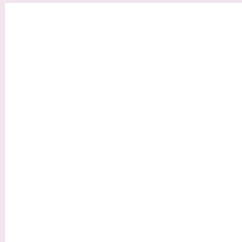
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0889, 0.3159, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 81.0889, 0.3159, 0.3199.

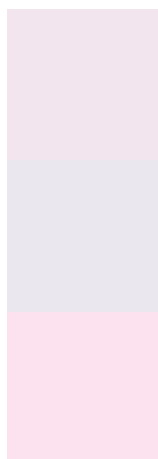


This preview shows how white text looks on a background with the Yxy color 81.0889, 0.3159, 0.3199.

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

81.0889, 0.3159, 0.3199

Protanopia

81.0460, 0.3104, 0.3208

Deuteranopia

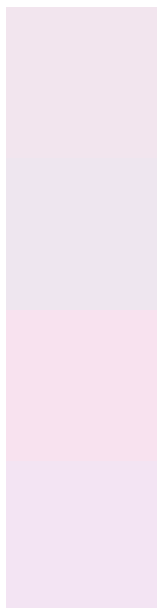
80.7779, 0.3224, 0.3151



Tritanopia

81.1953, 0.3115, 0.3110

Trichromacy



Original Color

81.0889, 0.3159, 0.3199

Protanomaly

81.0028, 0.3125, 0.3198

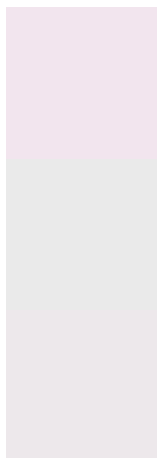
Deuteranomaly

80.5812, 0.3196, 0.3160

Tritanomaly

81.0126, 0.3134, 0.3139

Monochromacy



Original Color

81.0889, 0.3159, 0.3199

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.7159, 0.3142, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0889, 0.3159, 0.3199 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(242, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 238) }
```

Border

The CSS property to change the border of an element to Yxy 81.0889, 0.3159, 0.3199 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(242, 229, 238) }
```

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

```
.border{ border-color:rgb(242, 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(242, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0889, 0.3159, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 238) }
```

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

```
.background{ background-color: rgb(242,  
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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