

Converting Colors

$Y_{xy}(79.1138, 0.3147, 0.3217)$

Have a look what the booklet for
Yxy(79.1138, 0.3147, 0.3217)
contains.

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Color

Yxy(78.9409, 0.3145, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3EB
RGB	237, 227, 235
RGB Percent	93%, 89%, 92%
CMY	0.0705, 0.1098, 0.0785
CMYK	0.00, 0.04, 0.01, 0.07
HSL	312°, 22%, 91%
HSV	312°, 4%, 93%
XYZ	77.3906, 78.9409, 89.7436
YIQ	230.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

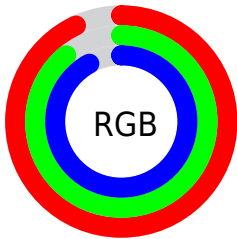
Format	Color
R _Y B	237, 227, 235
Decimal	15590379
CIE Lab	91.21, 4.79, -2.68
CIE LCh	91, 5.492, 330.813
Yxy	78.9409, 0.3145, 0.3208
Android (android.graphics.Color)	4293780459 (0xFFE3E3EB)
YUV	230.9020, 2.0203, 5.3479
Hunter-Lab	88.8487, -0.0048, 2.3069

Details

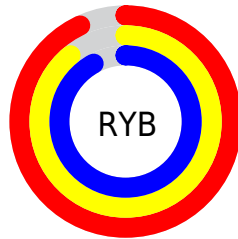
The Yxy color **78.9409, 0.3145, 0.3208** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5663, 0.3110, 0.3373**, and the grayscale version is **79.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5835, 0.3149, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **66.5852, 0.3192, 0.3008**, and if you desaturate by 10%, it is **93.0955, 0.3105, 0.3399**.

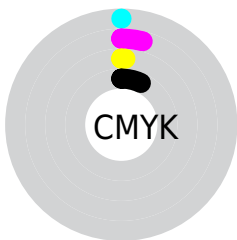
Distribution



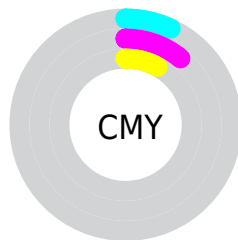
- Red (93%)
- Green (89%)
- Blue (92%)



- Red (93%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (7%)




- Cyan (7%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9409, 0.3145, 0.3208 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 78.9409, 0.3145, 0.3208 by changing the saturation by 10% instead.


 78.9409, 0.3145,
0.3208

 78.9409, 0.3145,
0.3208


491.3564, 0.3137,
0.3245

 58.8472, 0.3147,
0.3200


131.8757, 0.3142,
0.3221

 42.4901, 0.3149,
0.3189

165.4855, 0.3141,
0.3226

 29.4853, 0.3152,
0.3177


204.3696, 0.3140,
0.3230

 19.4482, 0.3155,
0.3160

248.9122, 0.3139,
0.3234

 11.9946, 0.3160,
0.3138

299.4978, 0.3139,
0.3237

 6.7400, 0.3166,
0.3106

356.5108, 0.3138,

 3.3000, 0.3176,

0.3240

0.3059

420.3355, 0.3138,
0.3243

■ 1.2903, 0.3192,
0.2978

■ 0.1337, 0.3435,
0.1881

■ 78.9409, 0.3145,
0.3208

■ 78.9409, 0.3145,
0.3208

■ 66.5852, 0.3192,
0.3008

■ 93.0955, 0.3105,
0.3399

■ 55.9457, 0.3246,
0.2802

■ 96.0941, 0.3076,
0.3393

■ 46.9484, 0.3308,
0.2597

■ 96.3905, 0.3049,
0.3345

■ 39.5099, 0.3376,
0.2400

■ 96.6945, 0.3022,
0.3298

■ 33.5394, 0.3451,
0.2221

■ 96.7468, 0.3017,
0.3290

■ 28.9369, 0.3529,
0.2071

■ 25.5895, 0.3610,
0.1957

■ 23.3667, 0.3690,
0.1889

■ 22.1088, 0.3766,
0.1868

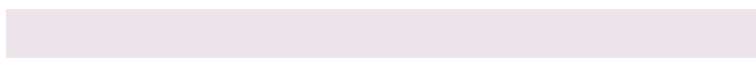
Harmonies

Analogous

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



78.9409, 0.3080, 0.3182



78.9409, 0.3145, 0.3208



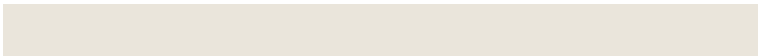
78.9409, 0.3205, 0.3255

Triad

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



78.9409, 0.3145, 0.3208



78.9409, 0.3226, 0.3396



78.9409, 0.3011, 0.3267

Complementary

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



78.9409, 0.3145, 0.3208



82.5663, 0.3110, 0.3373

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.



78.9409, 0.3049, 0.3325



78.9409, 0.3145, 0.3208



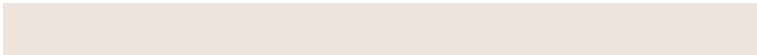
78.9409, 0.3173, 0.3400

Square

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



78.9409, 0.3145, 0.3208



78.9409, 0.3253, 0.3363



78.9409, 0.3109, 0.3375



78.9409, 0.3004, 0.3216

Rectangle

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



78.9409, 0.3145, 0.3208



78.9409, 0.3235, 0.3292



78.9409, 0.3109, 0.3375



78.9409, 0.3021, 0.3286

Sweetspot

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



78.9443, 0.3145, 0.3208



98.3506, 0.3131, 0.3271



77.7143, 0.3077, 0.3186



21.0685, 0.3131, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

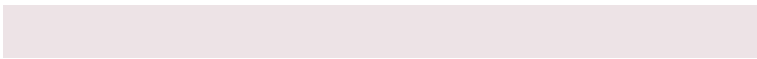
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9443, 0.3145, 0.3208



91.9680, 0.3148, 0.3192



78.6605, 0.3177, 0.3259



16.2692, 0.3151, 0.3179



11.8551, 0.3798, 0.1866



0.9441, 0.3701, 0.1812

Inverse Universe

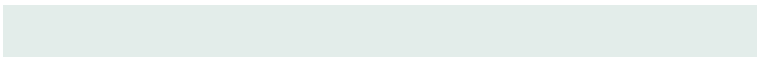
The Inverse Universe completely reimagines the original color for something new.



78.9443, 0.3145, 0.3208



91.9680, 0.3148, 0.3192



82.8486, 0.3079, 0.3321



16.2692, 0.3151, 0.3179



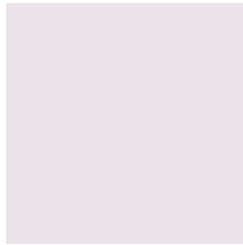
11.8551, 0.3798, 0.1866



0.9441, 0.3701, 0.1812

Previews

White Background



This preview shows how the Yxy color 78.9409, 0.3145, 0.3208 looks on a white background.

Color Contrast Check

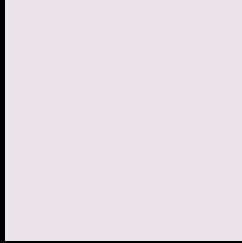
Large Text (above 18pt) WCAG AA × Fail

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 78.9409, 0.3145, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

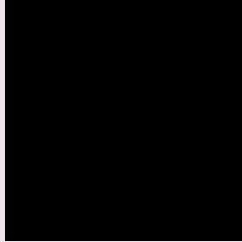
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

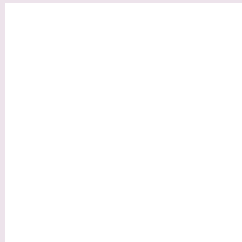
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9409, 0.3145, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 78.9409, 0.3145, 0.3208.

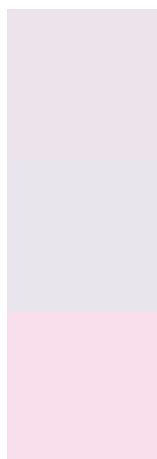


This preview shows how white text looks on a background with the Yxy color 78.9409, 0.3145, 0.3208.

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

78.9409, 0.3145, 0.3208

Protanopia

79.2506, 0.3103, 0.3217

Deuteranopia

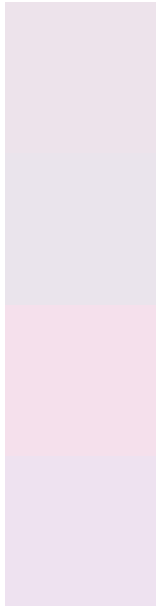
78.9712, 0.3225, 0.3160



Tritanopia

79.0409, 0.3101, 0.3117

Trichromacy



Original Color

78.9409, 0.3145, 0.3208

Protanomaly

79.0354, 0.3117, 0.3207

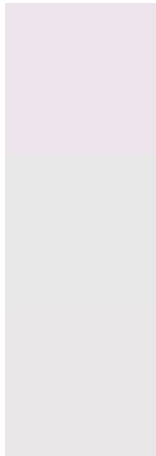
Deuteranomaly

78.7799, 0.3196, 0.3169

Tritanomaly

78.8611, 0.3120, 0.3147

Monochromacy



Original Color

78.9409, 0.3145, 0.3208

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7435, 0.3135, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9409, 0.3145, 0.3208 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(237, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 235)  
}
```

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(237, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 235) }
```

Border

The CSS property to change the border of an element to Yxy 78.9409, 0.3145, 0.3208 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(237, 227, 235) }
```

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

```
.border{ border-color:rgb(237, 227, 235) }
```

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

Here you see how a box with a 4 pixel rgb(237, 227, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9409, 0.3145, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 235) }
```

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

```
.background{ background-color: rgb(237,  
227, 235) }
```

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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