

Converting Colors

$Yxy(78.4149, 0.3150, 0.3238)$

Have a look what the booklet for
Yxy(78.4149, 0.3150, 0.3238)
contains.

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Color

Yxy(78.4265, 0.3150, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	EBE3E8
RGB	235, 227, 232
RGB Percent	92%, 89%, 91%
CMY	0.0785, 0.1098, 0.0901
CMYK	0.00, 0.03, 0.01, 0.08
HSL	322°, 17%, 91%
HSV	322°, 3%, 92%
XYZ	76.2951, 78.4265, 87.4850
YIQ	229.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

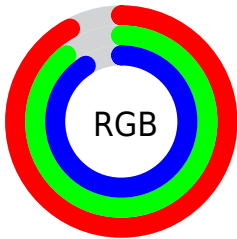
Format	Color
R _Y B	235, 227, 232
Decimal	15459304
CIE Lab	90.97, 3.59, -1.49
CIE LCh	91, 3.885, 337.387
Yxy	78.4265, 0.3150, 0.3238
Android (android.graphics.Color)	4293649384 (0xFFEBE3E8)
YUV	229.9620, 1.0047, 4.4183
Hunter-Lab	88.5587, -1.1966, 3.4200

Details

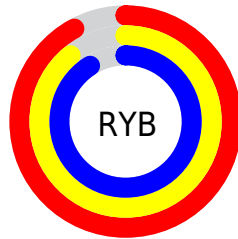
The Yxy color **78.4265, 0.3150, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.4507, 0.3105, 0.3343**, and the grayscale version is **79.0936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2233, 0.3157, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **65.9585, 0.3226, 0.3079**, and if you desaturate by 10%, it is **92.6800, 0.3087, 0.3388**.

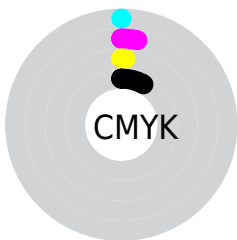
Distribution



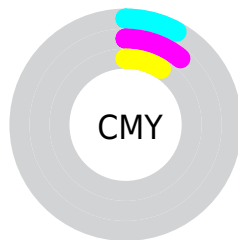
- Red (92%)
- Green (89%)
- Blue (91%)



- Red (92%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (8%)




- Cyan (8%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.4265, 0.3150, 0.3238 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 78.4265, 0.3150, 0.3238 by changing the saturation by 10% instead.

 78.4265, 0.3150,
0.3238

 78.4265, 0.3150,
0.3238


489.6141, 0.3140,
0.3262

 58.4244, 0.3152,
0.3233


131.1512, 0.3146,
0.3246

 42.1499, 0.3155,
0.3226


164.6426, 0.3145,
0.3249

 29.2187, 0.3159,
0.3218


203.3991, 0.3144,
0.3252

 19.2463, 0.3163,
0.3207

247.8053, 0.3143,
0.3255

 11.8484, 0.3170,
0.3193

298.2455, 0.3142,
0.3257

 6.6405, 0.3178,
0.3173

355.1041, 0.3141,

 3.2383, 0.3192,

0.3259

0.3141

418.7655, 0.3140,
0.3260

■ 1.2574, 0.3215,
0.3088

■ 0.1078, 0.3657,
0.2075

■ 78.4265, 0.3150,
0.3238

■ 78.4265, 0.3150,
0.3238

■ 65.9585, 0.3226,
0.3079

■ 92.6800, 0.3087,
0.3388

■ 55.1948, 0.3316,
0.2914

■ 96.0450, 0.3036,
0.3345

■ 46.0631, 0.3421,
0.2747

■ 96.3995, 0.3005,
0.3290

■ 38.4821, 0.3544,
0.2585

■ 32.3631, 0.3682,
0.2436

■ 27.6087, 0.3835,
0.2311

■ 24.1094, 0.3998,
0.2222

■ 21.7388, 0.4167,
0.2180

■ 20.3433, 0.4333,
0.2190

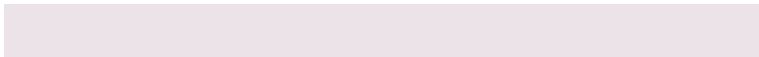
Harmonies

Analogous

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



78.4265, 0.3104, 0.3216



78.4265, 0.3150, 0.3238



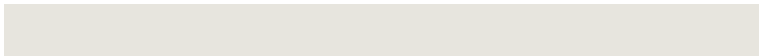
78.4265, 0.3190, 0.3274

Triad

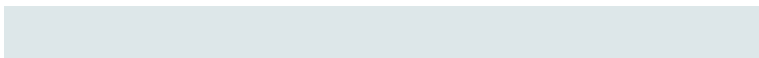
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4265, 0.3150, 0.3238



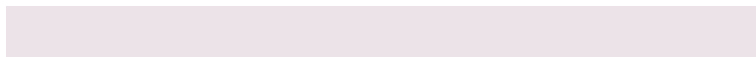
78.4265, 0.3191, 0.3368



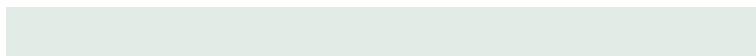
78.4265, 0.3042, 0.3265

Complementary

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



78.4265, 0.3150, 0.3238



81.4507, 0.3105, 0.3343

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.



78.4265, 0.3064, 0.3306



78.4265, 0.3150, 0.3238



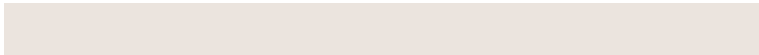
78.4265, 0.3150, 0.3366

Square

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



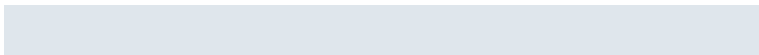
78.4265, 0.3150, 0.3238



78.4265, 0.3214, 0.3349



78.4265, 0.3104, 0.3343



78.4265, 0.3041, 0.3231

Rectangle

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



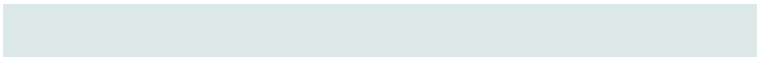
78.4265, 0.3150, 0.3238



78.4265, 0.3208, 0.3301



78.4265, 0.3104, 0.3343



78.4265, 0.3047, 0.3279

Sweetspot

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



78.4299, 0.3150, 0.3238



98.3232, 0.3134, 0.3275



77.7513, 0.3096, 0.3207



21.0629, 0.3133, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

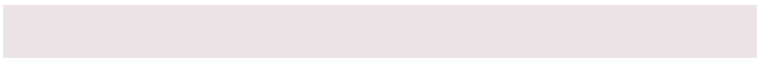
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4299, 0.3150, 0.3238



93.4233, 0.3154, 0.3228



78.2071, 0.3176, 0.3279



16.5076, 0.3159, 0.3217



11.0468, 0.4416, 0.2206



0.8859, 0.4204, 0.2090

Inverse Universe

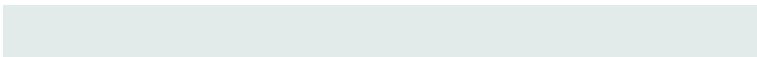
The Inverse Universe completely reimagines the original color for something new.



78.4299, 0.3150, 0.3238



93.4233, 0.3154, 0.3228



81.6759, 0.3081, 0.3301



16.5076, 0.3159, 0.3217



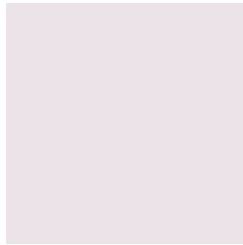
11.0468, 0.4416, 0.2206



0.8859, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 78.4265, 0.3150, 0.3238 looks on a white background.

Color Contrast Check

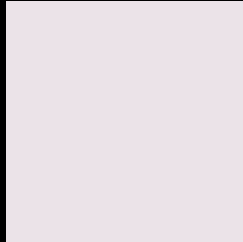
Large Text (above 18pt) WCAG AA × Fail

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 78.4265, 0.3150, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

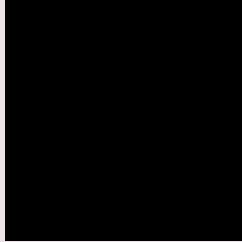
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

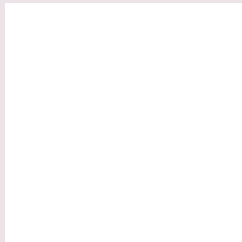
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4265, 0.3150, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 78.4265, 0.3150, 0.3238.

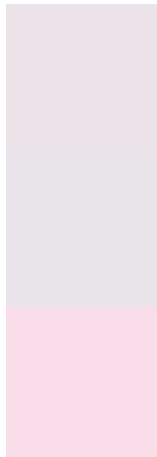


This preview shows how white text looks on a background with the Yxy color 78.4265, 0.3150, 0.3238.

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

78.4265, 0.3150, 0.3238

Protanopia

78.5258, 0.3123, 0.3238

Deuteranopia

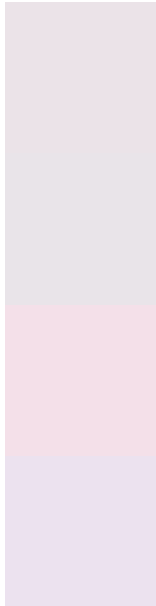
78.2655, 0.3246, 0.3180



Tritanopia

78.3260, 0.3094, 0.3106

Trichromacy



Original Color

78.4265, 0.3150, 0.3238

Protanomaly

78.6936, 0.3130, 0.3238

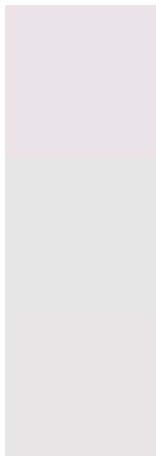
Deuteranomaly

78.4276, 0.3209, 0.3199

Tritanomaly

78.4576, 0.3113, 0.3157

Monochromacy



Original Color

78.4265, 0.3150, 0.3238

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9639, 0.3135, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4265, 0.3150, 0.3238 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(235, 227, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 232)  
}
```

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(235, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 232) }
```

Border

The CSS property to change the border of an element to Yxy 78.4265, 0.3150, 0.3238 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(235, 227, 232) }
```

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

```
.border{ border-color:rgb(235, 227, 232) }
```

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

Here you see how a box with a 4 pixel rgb(235, 227, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4265, 0.3150, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 232) }
```

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

```
.background{ background-color: rgb(235,  
227, 232) }
```

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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