

Converting Colors

$Yxy(75.5783, 0.3118, 0.3142)$

Have a look what the booklet for
Yxy(75.5783, 0.3118, 0.3142)
contains.

Yxy(75.7911, 0.3120, 0.3145)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.7911, 0.3120, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	EADEEC
RGB	234, 222, 236
RGB Percent	92%, 87%, 93%
CMY	0.0824, 0.1294, 0.0746
CMYK	0.01, 0.06, 0.00, 0.07
HSL	291°, 27%, 90%
HSV	291°, 6%, 93%
XYZ	75.1886, 75.7911, 90.0095
YIQ	227.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

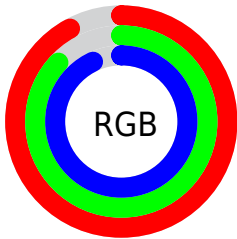
Format	Color
RYB	234, 222, 236
Decimal	15392492
CIELab	89.76, 6.55, -5.35
CIELCh	90, 8.463, 320.746
Yxy	75.7911, 0.3120, 0.3145
Android (android.graphics.Color)	4293582572 (0xFFEADEEC)
YUV	227.1840, 4.3463, 5.9776
Hunter-Lab	87.0581, 1.8117, -0.3593

Details

The Yxy color **75.7911, 0.3120, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.1037, 0.3134, 0.3438**, and the grayscale version is **76.9237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3977, 0.3117, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **63.5589, 0.3105, 0.2891**, and if you desaturate by 10%, it is **89.7950, 0.3131, 0.3387**.

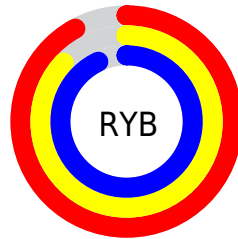
Distribution



Red (92%)

Green (87%)

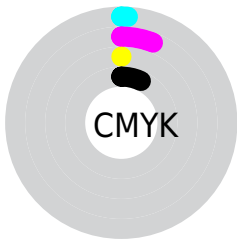
Blue (93%)



Red (92%)

Yellow (87%)

Blue (93%)

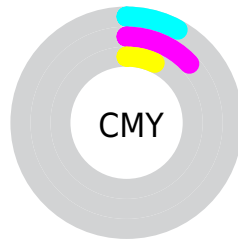


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7911, 0.3120, 0.3145 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 75.7911, 0.3120, 0.3145 by changing the saturation by 10% instead.


 75.7911, 0.3120,
0.3145

 75.7911, 0.3120,
0.3145

480.6323, 0.3124,
0.3211

 56.2612, 0.3119,
0.3130


127.4316, 0.3121,
0.3168

 40.4124, 0.3118,
0.3112


160.3110, 0.3122,
0.3177

 27.8602, 0.3116,
0.3089


198.4090, 0.3122,
0.3184

 18.2203, 0.3114,
0.3060

242.1100, 0.3123,
0.3191

 11.1083, 0.3111,
0.3020

291.7985, 0.3123,
0.3197

 6.1397, 0.3107,
0.2964

347.8587, 0.3123,

 2.9302, 0.3099,

0.3202

0.2878

410.6752, 0.3123,
0.3207

■ 1.0954, 0.3084,
0.2732

■ 0.0000, 0.2808,
0.0000

■ 75.7911, 0.3120,
0.3145

■ 75.7911, 0.3120,
0.3145

■ 63.5589, 0.3105,
0.2891

■ 89.7950, 0.3131,
0.3387

■ 53.0162, 0.3086,
0.2631

■ 96.2269, 0.3148,
0.3478

■ 44.0886, 0.3064,
0.2372

■ 96.8237, 0.3169,
0.3477

■ 36.6925, 0.3037,
0.2123

■ 97.4314, 0.3190,
0.3476

■ 30.7368, 0.3006,
0.1895

■ 98.0503, 0.3211,
0.3475

■ 26.1205, 0.2972,
0.1698

■ 98.6802, 0.3233,
0.3474

■ 22.7296, 0.2936,
0.1541

■ 98.8352, 0.3238,
0.3474

■ 20.4310, 0.2898,
0.1429

■ 19.0600, 0.2861,
0.1361

Harmonies

Analogous

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



75.7911, 0.3023, 0.3119



75.7911, 0.3120, 0.3145



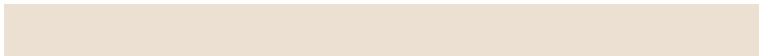
75.7911, 0.3220, 0.3208

Triad

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



75.7911, 0.3120, 0.3145



75.7911, 0.3301, 0.3442



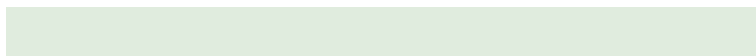
75.7911, 0.2961, 0.3284

Complementary

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



75.7911, 0.3120, 0.3145



81.1037, 0.3134, 0.3438

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.



75.7911, 0.3034, 0.3374



75.7911, 0.3120, 0.3145



75.7911, 0.3230, 0.3466

Square

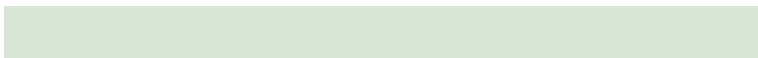
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7911, 0.3120, 0.3145



75.7911, 0.3326, 0.3378



75.7911, 0.3132, 0.3441



75.7911, 0.2933, 0.3197

Rectangle

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



75.7911, 0.3120, 0.3145



75.7911, 0.3275, 0.3263



75.7911, 0.3132, 0.3441



75.7911, 0.2981, 0.3315

Sweetspot

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



75.7944, 0.3120, 0.3145



96.6514, 0.3125, 0.3241



74.9551, 0.3037, 0.3164



20.7225, 0.3125, 0.3244



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.



75.7944, 0.3120, 0.3145



88.6557, 0.3119, 0.3117



75.8531, 0.3166, 0.3196



15.7092, 0.3118, 0.3104



10.3299, 0.2852, 0.1345



0.8410, 0.2904, 0.1374

Inverse Universe

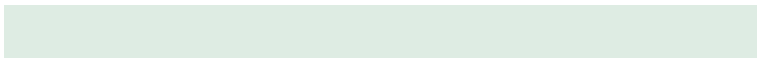
The Inverse Universe completely reimagines the original color for something new.



75.4603, 0.3213, 0.3269



88.1884, 0.3231, 0.3265



81.0533, 0.3090, 0.3386



15.6197, 0.3239, 0.3264



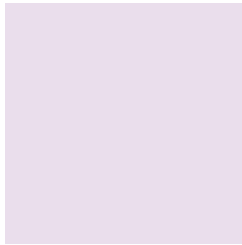
9.9036, 0.6207, 0.3193



0.7886, 0.5879, 0.3012

Previews

White Background



This preview shows how the Yxy color 75.7911, 0.3120, 0.3145 looks on a white background.

Color Contrast Check

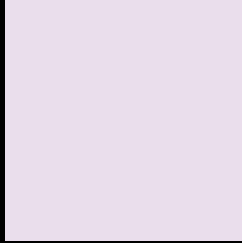
Large Text (above 18pt) WCAG AA × Fail

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 75.7911, 0.3120, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

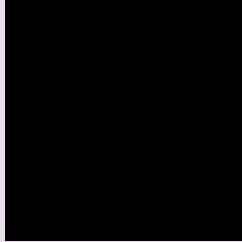
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

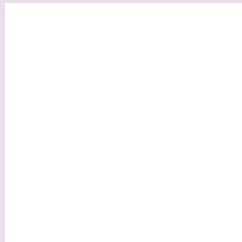
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7911, 0.3120, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 75.7911, 0.3120, 0.3145.

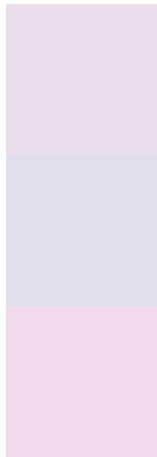


This preview shows how white text looks on a background with the Yxy color 75.7911, 0.3120, 0.3145.

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

75.7911, 0.3120, 0.3145

Protanopia

75.5945, 0.3058, 0.3153

Deuteranopia

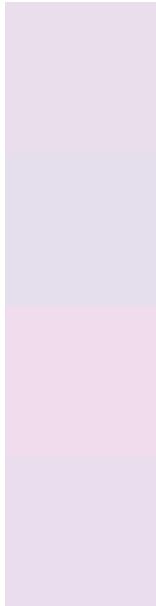
75.8321, 0.3178, 0.3107



Tritanopia

75.9670, 0.3100, 0.3114

Trichromacy



Original Color

75.7911, 0.3120, 0.3145

Protanomaly

75.5478, 0.3078, 0.3143

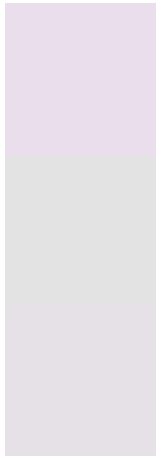
Deuteranomaly

75.8261, 0.3157, 0.3116

Tritanomaly

75.9080, 0.3107, 0.3124

Monochromacy



Original Color

75.7911, 0.3120, 0.3145

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3866, 0.3130, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7911, 0.3120, 0.3145 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(234, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 236)  
}
```

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(234, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.7911, 0.3120, 0.3145 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(234, 222, 236) }
```

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

```
.border{ border-color:rgb(234, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7911, 0.3120, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 236) }
```

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

```
.background{ background-color: rgb(234,  
222, 236) }
```

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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