

Converting Colors

$Y_{xy}(76.1535, 0.3210, 0.3287)$

Have a look what the booklet for
Yxy(76.1535, 0.3210, 0.3287)
contains.

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Color

Yxy(75.8193, 0.3206, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EBDFE0
RGB	235, 223, 224
RGB Percent	92%, 87%, 88%
CMY	0.0783, 0.1255, 0.1217
CMYK	0.00, 0.05, 0.05, 0.08
HSL	355°, 23%, 90%
HSV	355°, 5%, 92%
XYZ	74.1087, 75.8193, 81.2284
YIQ	226.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

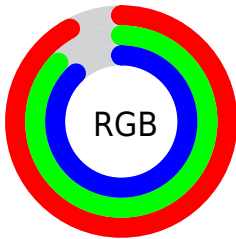
Format	Color
R_{YB}	235, 223, 224
Decimal	15458272
CIE Lab	89.78, 4.27, 0.98
CIE LCh	90, 4.383, 12.941
Yxy	75.8193, 0.3206, 0.3280
Android (android.graphics.Color)	4293648352 (0xFFE8DFE0)
YUV	226.7020, -1.3321, 7.2773
Hunter-Lab	87.0743, -0.4590, 5.6426

Details

The Yxy color **75.8193, 0.3206, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0697, 0.3053, 0.3300**, and the grayscale version is **76.5983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4535, 0.3220, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **63.0246, 0.3388, 0.3259**, and if you desaturate by 10%, it is **90.5128, 0.3060, 0.3299**.

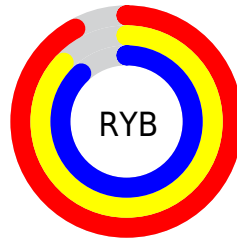
Distribution



Red (92%)

Green (87%)

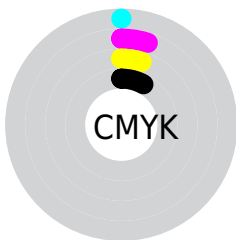
Blue (88%)



Red (92%)

Yellow (87%)

Blue (88%)

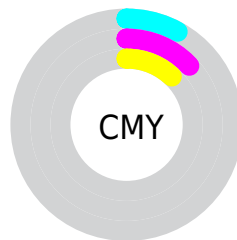


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (8%)



Cyan (8%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8193, 0.3206, 0.3280 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 75.8193, 0.3206, 0.3280 by changing the saturation by 10% instead.


 75.8193, 0.3206,
0.3280

 75.8193, 0.3206,
0.3280

480.7289, 0.3170,
0.3285

 56.2843, 0.3214,
0.3279


127.4714, 0.3193,
0.3282

 40.4309, 0.3224,
0.3278


160.3574, 0.3189,
0.3282

 27.8747, 0.3237,
0.3276

198.4625, 0.3184,
0.3283

 18.2312, 0.3254,
0.3273

242.1712, 0.3181,
0.3283

 11.1161, 0.3277,
0.3270

291.8677, 0.3177,
0.3284

 6.1450, 0.3310,
0.3266

347.9366, 0.3175,

 2.9334, 0.3361,

0.3284

0.3258

410.7622, 0.3172,
0.3284

■ 1.0971, 0.3453,
0.3244

■ 0.0000, 1.0000,
0.0000

■ 75.8193, 0.3206,
0.3280

■ 75.8193, 0.3206,
0.3280

■ 63.0246, 0.3388,
0.3259

■ 90.5128, 0.3060,
0.3299

■ 52.0418, 0.3616,
0.3238

■ 96.4085, 0.3006,
0.3290

■ 42.7921, 0.3897,
0.3216

■ 35.1868, 0.4240,
0.3197

■ 29.1296, 0.4645,
0.3182

■ 24.5140, 0.5096,
0.3176

■ 21.2202, 0.5554,
0.3185

■ 19.1091, 0.5957,
0.3209

■ 18.0102, 0.6241,
0.3246

Harmonies

Analogous

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



75.8193, 0.3163, 0.3237



75.8193, 0.3206, 0.3280



75.8193, 0.3228, 0.3326

Triad

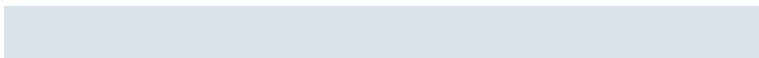
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8193, 0.3206, 0.3280



75.8193, 0.3144, 0.3374



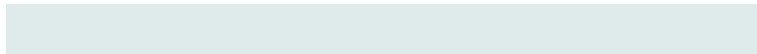
75.8193, 0.3032, 0.3217

Complementary

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



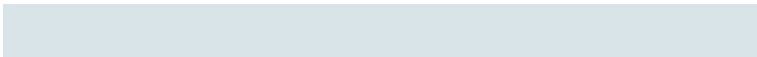
75.8193, 0.3206, 0.3280



81.0697, 0.3053, 0.3300

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.



75.8193, 0.3027, 0.3253



75.8193, 0.3206, 0.3280



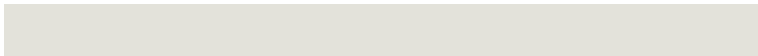
75.8193, 0.3092, 0.3344

Square

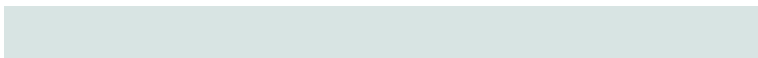
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8193, 0.3206, 0.3280



75.8193, 0.3192, 0.3380



75.8193, 0.3049, 0.3300



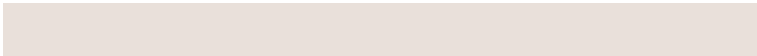
75.8193, 0.3062, 0.3201

Rectangle

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



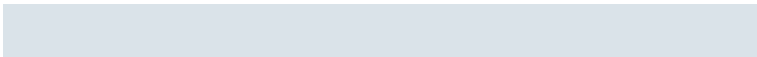
75.8193, 0.3206, 0.3280



75.8193, 0.3228, 0.3352



75.8193, 0.3049, 0.3300



75.8193, 0.3028, 0.3228

Sweetspot

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



75.8226, 0.3206, 0.3280



96.4908, 0.3157, 0.3286



76.2723, 0.3126, 0.3165



20.6898, 0.3156, 0.3286



0.0000, 0.0000, 0.0000



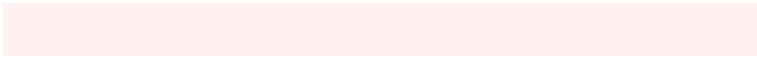
21.4041, 0.3127, 0.3290

Same Dimension

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



75.8226, 0.3206, 0.3280



89.7509, 0.3221, 0.3278



78.4905, 0.3208, 0.3343



15.8794, 0.3231, 0.3277



9.8633, 0.6311, 0.3250



0.7814, 0.6090, 0.3129

Inverse Universe

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



75.8226, 0.3206, 0.3280



89.7509, 0.3221, 0.3278



78.2929, 0.3048, 0.3237



15.8794, 0.3231, 0.3277



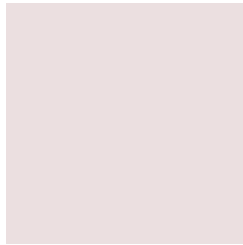
9.8633, 0.6311, 0.3250



0.7814, 0.6090, 0.3129

Previews

White Background



This preview shows how the Yxy color 75.8193, 0.3206, 0.3280 looks on a white background.

Color Contrast Check

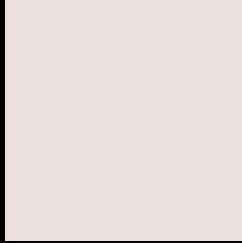
Large Text (above 18pt) WCAG AA × Fail

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 75.8193, 0.3206, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

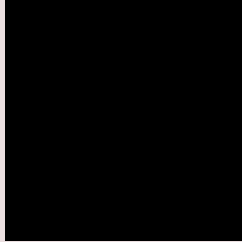
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

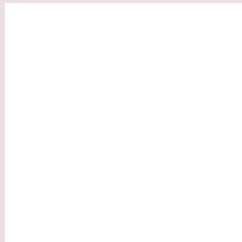
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8193, 0.3206, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 75.8193, 0.3206, 0.3280.

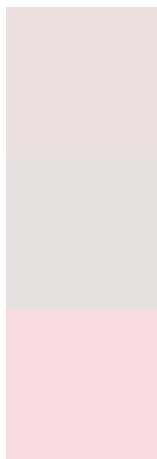


This preview shows how white text looks on a background with the Yxy color 75.8193, 0.3206, 0.3280.

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

75.8193, 0.3206, 0.3280

Protanopia

76.1097, 0.3162, 0.3290

Deuteranopia

75.5355, 0.3297, 0.3219



Tritanopia

75.8905, 0.3128, 0.3115

Trichromacy



Original Color

75.8193, 0.3206, 0.3280

Protanomaly

75.9034, 0.3177, 0.3280

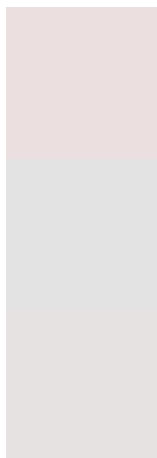
Deuteranomaly

75.6773, 0.3259, 0.3239

Tritanomaly

75.9586, 0.3154, 0.3176

Monochromacy



Original Color

75.8193, 0.3206, 0.3280

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7067, 0.3155, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8193, 0.3206, 0.3280 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, 223, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 224)  
}
```

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, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 224) }
```

Border

The CSS property to change the border of an element to Yxy 75.8193, 0.3206, 0.3280 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, 223, 224) }
```

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

```
.border{ border-color:rgb(235, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8193, 0.3206, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 224) }
```

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

```
.background{ background-color: rgb(235,  
223, 224) }
```

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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