

Converting Colors

$Yxy(78.1463, 0.3227, 0.3282)$

Have a look what the booklet for
Yxy(78.1463, 0.3227, 0.3282)
contains.

Yxy(77.8667, 0.3226, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.8667, 0.3226, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F0E1E2
RGB	240, 225, 226
RGB Percent	94%, 88%, 89%
CMY	0.0589, 0.1176, 0.1137
CMYK	0.00, 0.06, 0.06, 0.06
HSL	356°, 33%, 91%
HSV	356°, 6%, 94%
XYZ	76.5847, 77.8667, 82.9470
YIQ	229.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

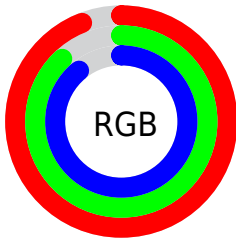
Format	Color
R_{YB}	240, 225, 226
Decimal	15786466
CIE Lab	90.72, 5.27, 1.34
CIE LCh	91, 5.441, 14.239
Yxy	77.8667, 0.3226, 0.3280
Android (android.graphics.Color)	4293976546 (0xFFFF0E1E2)
YUV	229.5990, -1.7743, 9.1217
Hunter-Lab	88.2421, 0.4953, 6.0373

Details

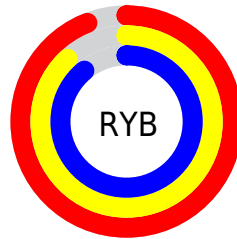
The Yxy color **77.8667, 0.3226, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.5536, 0.3036, 0.3300**, and the grayscale version is **78.8286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8801, 0.3247, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **64.6420, 0.3416, 0.3263**, and if you desaturate by 10%, it is **93.0825, 0.3074, 0.3296**.

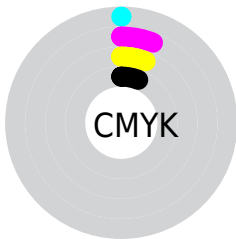
Distribution



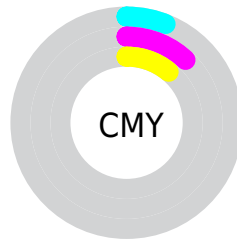
- Red (94%)
- Green (88%)
- Blue (89%)



- Red (94%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (6%)




- Cyan (6%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.8667, 0.3226, 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 77.8667, 0.3226, 0.3280 by changing the saturation by 10% instead.


 77.8667, 0.3226,
0.3280

 77.8667, 0.3226,
0.3280


487.7140, 0.3181,
0.3285

 57.9645, 0.3236,
0.3279

130.3622, 0.3210,
0.3282

 41.7801, 0.3249,
0.3277

163.7243, 0.3204,
0.3282

 28.9291, 0.3265,
0.3276


202.3417, 0.3199,
0.3283

 19.0272, 0.3286,
0.3273

246.5990, 0.3194,
0.3283

 11.6900, 0.3314,
0.3270

296.8805, 0.3190,
0.3284

 6.5329, 0.3354,
0.3265

353.5705, 0.3187,

 3.1718, 0.3416,

0.3284

0.3257

417.0536, 0.3184,
0.3285

■ 1.2220, 0.3525,
0.3243

■ 0.0796, 0.7197,
0.2803

■ 77.8667, 0.3226,
0.3280

■ 77.8667, 0.3226,
0.3280

■ 64.6420, 0.3416,
0.3263

■ 93.0825, 0.3074,
0.3296

■ 53.3165, 0.3653,
0.3245

■ 97.2631, 0.3035,
0.3290

■ 43.8059, 0.3947,
0.3228

■ 36.0161, 0.4304,
0.3212

■ 29.8440, 0.4722,
0.3202

■ 25.1758, 0.5183,
0.3199

■ 21.8830, 0.5640,
0.3208

■ 19.8152, 0.6029,
0.3230

■ 18.7864, 0.6286,
0.3262

Harmonies

Analogous

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



77.8667, 0.3173, 0.3227



77.8667, 0.3226, 0.3280



77.8667, 0.3252, 0.3336

Triad

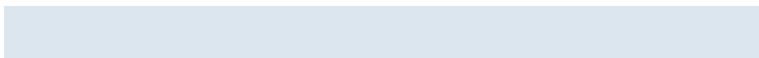
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8667, 0.3226, 0.3280



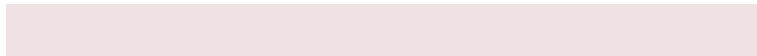
77.8667, 0.3145, 0.3392



77.8667, 0.3012, 0.3199

Complementary

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



77.8667, 0.3226, 0.3280



84.5536, 0.3036, 0.3300

Split Complementary

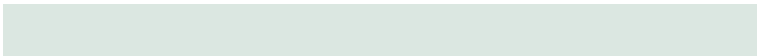
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8667, 0.3004, 0.3242



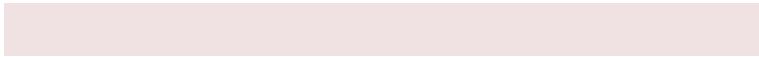
77.8667, 0.3226, 0.3280



77.8667, 0.3081, 0.3354

Square

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



77.8667, 0.3226, 0.3280



77.8667, 0.3205, 0.3401



77.8667, 0.3029, 0.3299



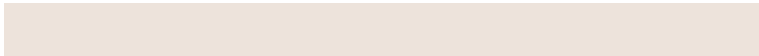
77.8667, 0.3050, 0.3181

Rectangle

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



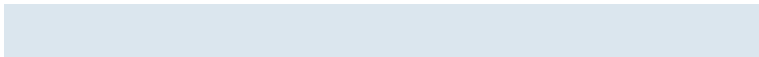
77.8667, 0.3226, 0.3280



77.8667, 0.3251, 0.3368



77.8667, 0.3029, 0.3299



77.8667, 0.3005, 0.3211

Sweetspot

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



77.8701, 0.3226, 0.3280



96.4862, 0.3157, 0.3287



78.4951, 0.3127, 0.3137



20.6888, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

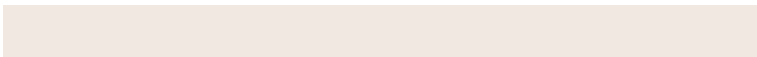
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8701, 0.3226, 0.3280



88.1081, 0.3239, 0.3279



81.3921, 0.3227, 0.3357



16.3363, 0.3249, 0.3278



10.1680, 0.6330, 0.3261



0.8518, 0.6153, 0.3163

Inverse Universe

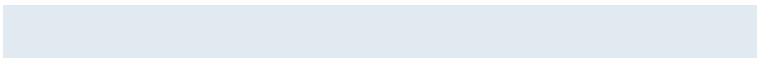
The Inverse Universe completely reimagines the original color for something new.



77.8701, 0.3226, 0.3280



88.1081, 0.3239, 0.3279



80.8594, 0.3031, 0.3222



16.3363, 0.3249, 0.3278



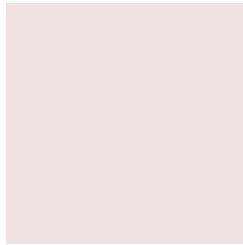
10.1680, 0.6330, 0.3261



0.8518, 0.6153, 0.3163

Previews

White Background



This preview shows how the Yxy color 77.8667, 0.3226, 0.3280 looks on a white background.

Color Contrast Check

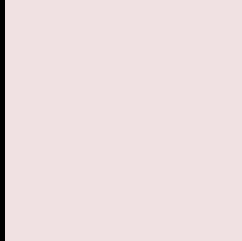
Large Text (above 18pt) WCAG AA × Fail

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 77.8667, 0.3226, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

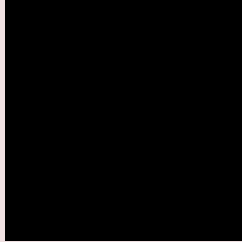
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

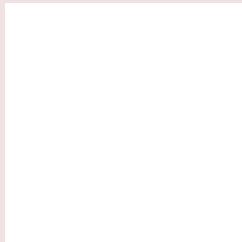
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8667, 0.3226, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 77.8667, 0.3226, 0.3280.

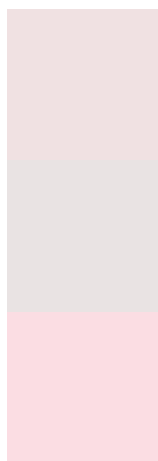


This preview shows how white text looks on a background with the Yxy color 77.8667, 0.3226, 0.3280.

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

77.8667, 0.3226, 0.3280

Protanopia

77.8079, 0.3169, 0.3290

Deuteranopia

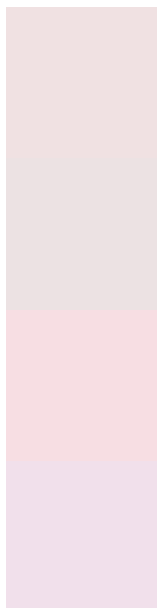
77.7682, 0.3302, 0.3230



Tritanopia

77.9439, 0.3149, 0.3118

Trichromacy



Original Color

77.8667, 0.3226, 0.3280

Protanomaly

77.7716, 0.3190, 0.3280

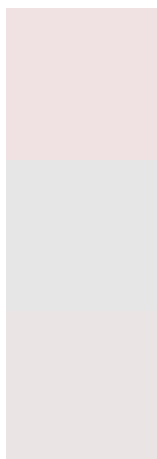
Deuteranomaly

77.5628, 0.3272, 0.3240

Tritanomaly

78.0102, 0.3174, 0.3178

Monochromacy



Original Color

77.8667, 0.3226, 0.3280

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.6364, 0.3162, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8667, 0.3226, 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(240, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 226)  
}
```

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(240, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 77.8667, 0.3226, 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(240, 225, 226) }
```

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

```
.border{ border-color:rgb(240, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8667, 0.3226, 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(240, 225, 226) }
```

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

```
.background{ background-color: rgb(240,  
225, 226) }
```

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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