

Converting Colors

$Yxy(75.7418, 0.3093, 0.3285)$

Have a look what the booklet for
Yxy(75.7418, 0.3093, 0.3285)
contains.

Yxy(76.0138, 0.3093, 0.3290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.0138, 0.3093, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3E3
RGB	222, 227, 227
RGB Percent	87%, 89%, 89%
CMY	0.1293, 0.1098, 0.1099
CMYK	0.02, 0.00, 0.00, 0.11
HSL	180°, 8%, 88%
HSV	180°, 2%, 89%
XYZ	71.4622, 76.0138, 83.5690
YIQ	225.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

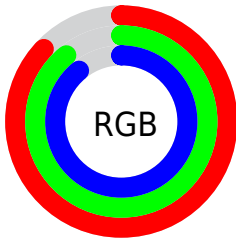
Format	Color
R _Y B	222, 225, 227
Decimal	14607331
CIE Lab	89.87, -1.66, -0.59
CIE LCh	90, 1.763, 199.491
Yxy	76.0138, 0.3093, 0.3290
Android (android.graphics.Color)	4292797411 (0xFFDEE3E3)
YUV	225.5050, 0.7370, -3.0739
Hunter-Lab	87.1859, -6.2672, 4.1998

Details

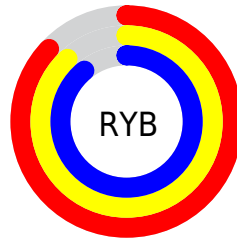
The Yxy color **76.0138, 0.3093, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8625, 0.3162, 0.3290**, and the grayscale version is **75.6774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6991, 0.3083, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **72.6672, 0.2941, 0.3290**, and if you desaturate by 10%, it is **79.8495, 0.3251, 0.3290**.

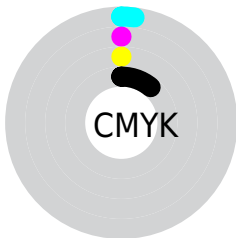
Distribution



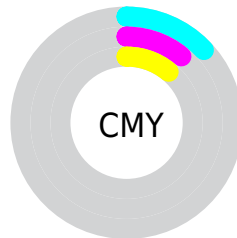
- Red (87%)
- Green (89%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0138, 0.3093, 0.3290 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 76.0138, 0.3093, 0.3290 by changing the saturation by 10% instead.

■ 76.0138, 0.3093,
0.3290

■ 76.0138, 0.3093,
0.3290

481.3949, 0.3109,
0.3290

■ 56.4438, 0.3089,
0.3290

127.7464, 0.3098,
0.3290

■ 40.5589, 0.3085,
0.3290

160.6778, 0.3101,
0.3290

■ 27.9746, 0.3079,
0.3290

198.8319, 0.3102,
0.3290

■ 18.3065, 0.3072,
0.3290

242.5929, 0.3104,
0.3290

■ 11.1702, 0.3062,
0.3290

292.3453, 0.3105,
0.3290

■ 6.1815, 0.3048,
0.3289

348.4736, 0.3107,

■ 2.9557, 0.3026,

0.3290

411.3620, 0.3108,
0.3290

0.3289

1.1087, 0.2988,
0.3288

0.0000, 0.0000,
0.0000

76.0138, 0.3093,
0.3290

76.0138, 0.3093,
0.3290

72.6672, 0.2941,
0.3290

79.8495, 0.3251,
0.3290

69.7807, 0.2799,
0.3290


81.7495, 0.3323,
0.3290

67.3373, 0.2669,
0.3291


81.7525, 0.3323,
0.3289


65.3149, 0.2555,
0.3291


81.7554, 0.3323,
0.3289

 63.6898, 0.2457,
0.3292


 81.7584, 0.3322,
0.3288

 62.4358, 0.2379,
0.3292


 81.7614, 0.3322,
0.3287

 61.5236, 0.2319,
0.3293

 81.7644, 0.3322,
0.3287

 60.9194, 0.2280,
0.3293

 81.7673, 0.3321,
0.3286

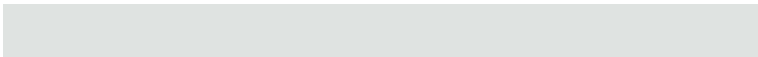
 60.5828, 0.2257,
0.3294

 81.7703, 0.3321,
0.3286

Harmonies

Analogous

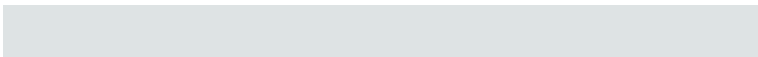
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0138, 0.3109, 0.3308



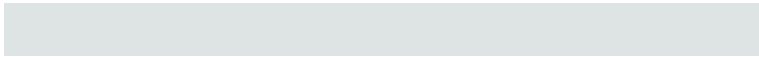
76.0138, 0.3093, 0.3290



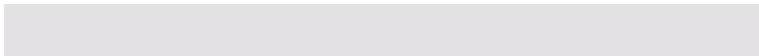
76.0138, 0.3086, 0.3272

Triad

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



76.0138, 0.3093, 0.3290



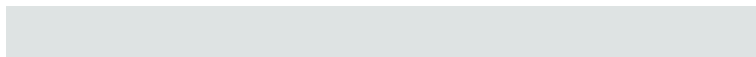
76.0138, 0.3125, 0.3259



76.0138, 0.3164, 0.3322

Complementary

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



76.0138, 0.3093, 0.3290



73.8625, 0.3162, 0.3290

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.



76.0138, 0.3168, 0.3308



76.0138, 0.3093, 0.3290



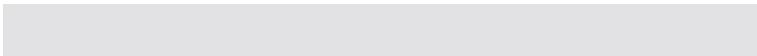
76.0138, 0.3146, 0.3272

Square

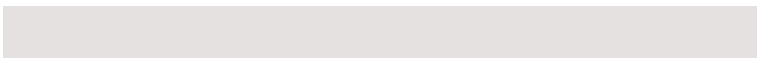
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0138, 0.3093, 0.3290



76.0138, 0.3105, 0.3254



76.0138, 0.3162, 0.3290



76.0138, 0.3150, 0.3327

Rectangle

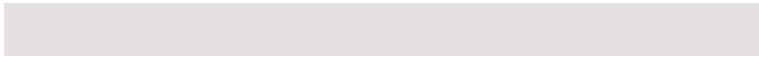
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0138, 0.3093, 0.3290



76.0138, 0.3088, 0.3262



76.0138, 0.3162, 0.3290



76.0138, 0.3166, 0.3318

Sweetspot

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



76.0170, 0.3093, 0.3290



99.5192, 0.3111, 0.3290



75.7600, 0.3125, 0.3343



21.3063, 0.3112, 0.3290



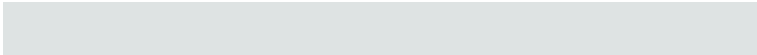
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

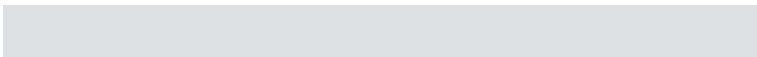
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0170, 0.3093, 0.3290



98.5767, 0.3080, 0.3290



74.7114, 0.3094, 0.3264



16.7616, 0.3068, 0.3290



35.2576, 0.2249, 0.3295



2.6056, 0.2248, 0.3293

Inverse Universe

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



73.8625, 0.3162, 0.3290



94.7340, 0.3176, 0.3290



75.1486, 0.3161, 0.3316



15.9438, 0.3189, 0.3290



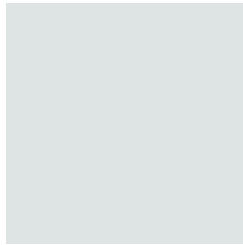
9.5252, 0.6398, 0.3298



0.7041, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 76.0138, 0.3093, 0.3290 looks on a white background.

Color Contrast Check

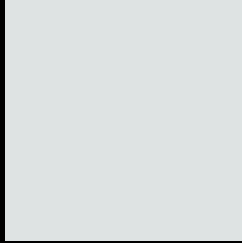
Large Text (above 18pt) WCAG AA × Fail

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 76.0138, 0.3093, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

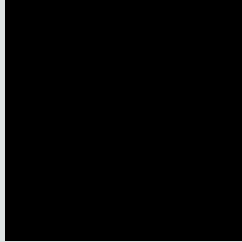
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

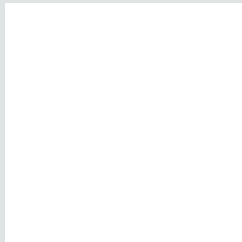
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0138, 0.3093, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 76.0138, 0.3093, 0.3290.

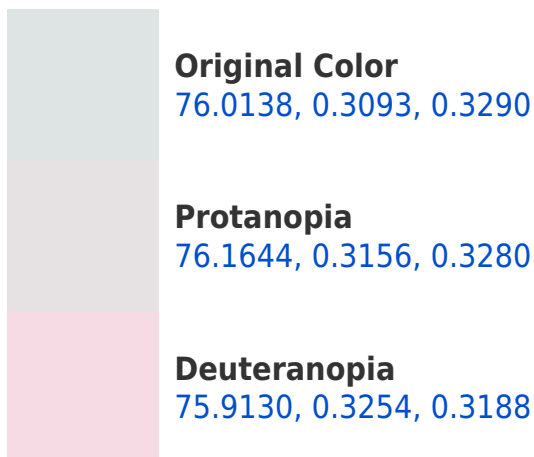


This preview shows how white text looks on a background with the Yxy color 76.0138, 0.3093, 0.3290.

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

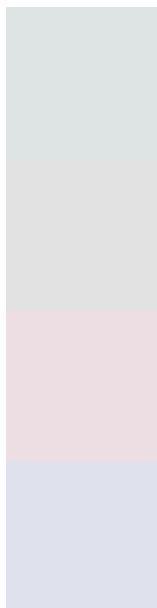




Tritanopia

76.1085, 0.3013, 0.3111

Trichromacy



Original Color

76.0138, 0.3093, 0.3290

Protanomaly

76.2146, 0.3134, 0.3290

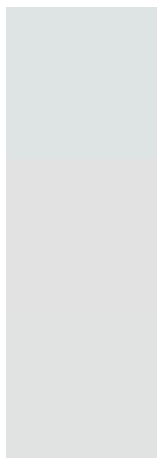
Deuteranomaly

75.8485, 0.3194, 0.3228

Tritanomaly

76.1951, 0.3037, 0.3174

Monochromacy



Original Color

76.0138, 0.3093, 0.3290

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8913, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0138, 0.3093, 0.3290 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(222, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 227)  
}
```

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(222, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 227) }
```

Border

The CSS property to change the border of an element to Yxy 76.0138, 0.3093, 0.3290 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(222, 227, 227) }
```

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

```
.border{ border-color:rgb(222, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0138, 0.3093, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 227) }
```

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

```
.background{ background-color: rgb(222,  
227, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor