

Converting Colors

$Yxy(78.1758, 0.3052, 0.3305)$

Have a look what the booklet for
Yxy(78.1758, 0.3052, 0.3305)
contains.

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Color

Yxy(77.9251, 0.3053, 0.3300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBE7E6 |
| RGB | 219, 231, 230 |
| RGB Percent | 86%, 91%, 90% |
| CMY | 0.1409, 0.0942, 0.0980 |
| CMYK | 0.05, 0.00, 0.00, 0.09 |
| HSL | 175°, 20%, 88% |
| HSV | 175°, 5%, 91% |
| XYZ | 72.0925, 77.9251, 86.1190 |
| YIQ | 227.2980, -6.8310, -2.8550 |

Conversions

Conversions Part 2

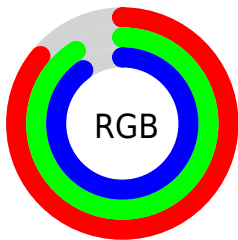
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 219, 225, 231 |
| Decimal | 14411750 |
| CIE Lab | 90.75, -4.12, -0.92 |
| CIE LCh | 91, 4.223, 192.515 |
| Yxy | 77.9251, 0.3053, 0.3300 |
| Android (android.graphics.Color) | 4292601830 (0xFFDBE7E6) |
| YUV | 227.2980, 1.3321, -7.2773 |
| Hunter-Lab | 88.2752, -8.7043, 3.9508 |

Details

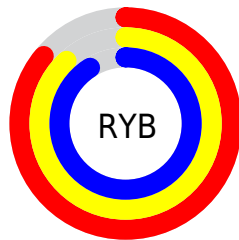
The Yxy color **77.9251, 0.3053, 0.3300** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8612, 0.3206, 0.3280**, and the grayscale version is **77.0493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.6476, 0.3031, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **74.4851, 0.2914, 0.3321**, and if you desaturate by 10%, it is **81.8700, 0.3198, 0.3281**.

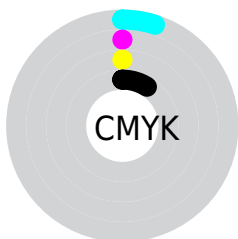
Distribution



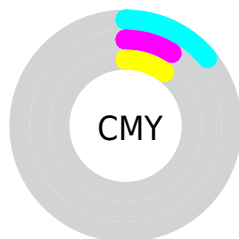
- Red (86%)
- Green (91%)
- Blue (90%)



- Red (86%)
- Yellow (88%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.9251, 0.3053, 0.3300 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 77.9251, 0.3053, 0.3300 by changing the saturation by 10% instead.

■ 77.9251, 0.3053,
0.3300

■ 77.9251, 0.3053,
0.3300

487.9124, 0.3087,
0.3296

■ 58.0125, 0.3045,
0.3301

130.4445, 0.3065,
0.3298

■ 41.8187, 0.3036,
0.3302

163.8201, 0.3069,
0.3298

■ 28.9593, 0.3024,
0.3304

202.4521, 0.3073,
0.3297

■ 19.0501, 0.3009,
0.3306

246.7249, 0.3077,
0.3297

■ 11.7065, 0.2988,
0.3308

297.0230, 0.3080,
0.3297

■ 6.5441, 0.2958,
0.3312

353.7307, 0.3082,

■ 3.1787, 0.2913,

0.3296

0.3317

417.2323, 0.3085,
0.3296

■ 1.2257, 0.2834,
0.3326

■ 0.0826, 0.0000,
0.3492

■ 77.9251, 0.3053,
0.3300

■ 77.9251, 0.3053,
0.3300

■ 74.4851, 0.2914,
0.3321

■ 81.8700, 0.3198,
0.3281

■ 71.5198, 0.2784,
0.3344


■ 84.3271, 0.3275,
0.3263


■ 69.0106, 0.2666,
0.3368

■ 84.4346, 0.3263,
0.3245

■ 66.9341, 0.2562,
0.3394


■ 84.5432, 0.3250,
0.3227

 65.2649, 0.2476,
0.3420


 84.6529, 0.3238,
0.3208


 63.9747, 0.2408,
0.3448


 84.7637, 0.3226,
0.3190


 63.0317, 0.2360,
0.3475

 84.8757, 0.3214,
0.3172

 62.3990, 0.2331,
0.3503

 84.9889, 0.3202,
0.3154

 62.0311, 0.2319,
0.3530

 85.1031, 0.3190,
0.3136

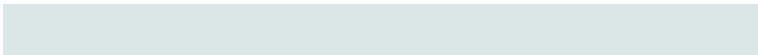
Harmonies

Analogous

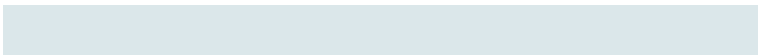
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9251, 0.3094, 0.3342



77.9251, 0.3053, 0.3300



77.9251, 0.3032, 0.3256

Triad

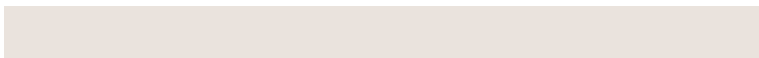
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9251, 0.3053, 0.3300



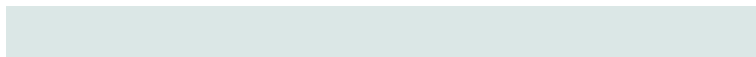
77.9251, 0.3110, 0.3212



77.9251, 0.3219, 0.3359

Complementary

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



77.9251, 0.3053, 0.3300



72.8612, 0.3206, 0.3280

Split Complementary

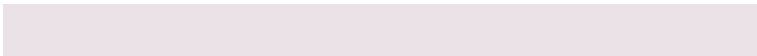
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9251, 0.3223, 0.3324



77.9251, 0.3053, 0.3300



77.9251, 0.3160, 0.3239

Square

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



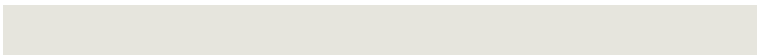
77.9251, 0.3053, 0.3300



77.9251, 0.3065, 0.3205



77.9251, 0.3202, 0.3280



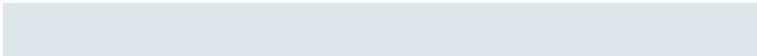
77.9251, 0.3190, 0.3376

Rectangle

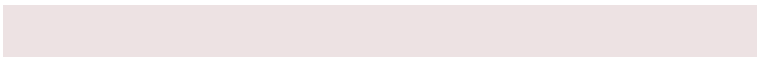
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9251, 0.3053, 0.3300



77.9251, 0.3032, 0.3231



77.9251, 0.3202, 0.3280



77.9251, 0.3223, 0.3349

Sweetspot

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



77.9284, 0.3053, 0.3300



99.0191, 0.3098, 0.3294



77.4872, 0.3128, 0.3418



21.2044, 0.3099, 0.3294



0.0000, 0.0000, 0.0000



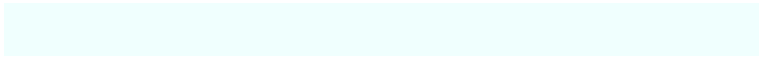
21.4041, 0.3127, 0.3290

Same Dimension

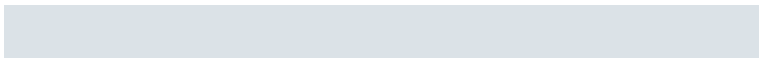
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9284, 0.3053, 0.3300



97.1336, 0.3040, 0.3302



75.2466, 0.3048, 0.3237



16.5301, 0.3032, 0.3303



34.7244, 0.2316, 0.3539



2.5720, 0.2305, 0.3499

Inverse Universe

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



72.8612, 0.3206, 0.3280



89.7506, 0.3221, 0.3278



75.4374, 0.3209, 0.3343



15.1537, 0.3231, 0.3277



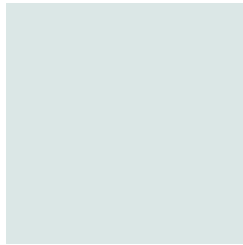
9.5570, 0.6310, 0.3250



0.7128, 0.6078, 0.3122

Previews

White Background



This preview shows how the Yxy color 77.9251, 0.3053, 0.3300 looks on a white background.

Color Contrast Check

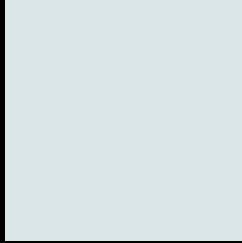
Large Text (above 18pt) WCAG AA × Fail

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 77.9251, 0.3053, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

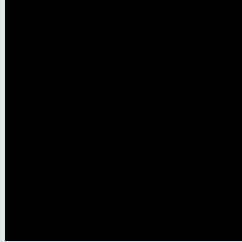
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

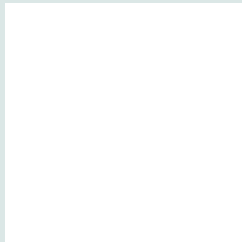
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9251, 0.3053, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 77.9251, 0.3053, 0.3300.

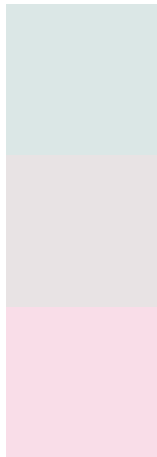


This preview shows how white text looks on a background with the Yxy color 77.9251, 0.3053, 0.3300.

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

77.9251, 0.3053, 0.3300

Protanopia

77.6954, 0.3155, 0.3280

Deuteranopia

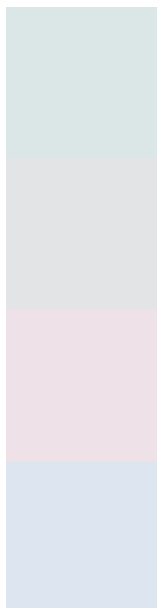
77.6788, 0.3254, 0.3179



Tritanopia

77.7318, 0.2969, 0.3091

Trichromacy



Original Color

77.9251, 0.3053, 0.3300

Protanomaly

77.4748, 0.3114, 0.3279

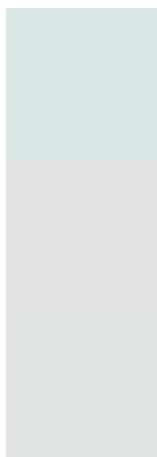
Deuteranomaly

77.7971, 0.3179, 0.3228

Tritanomaly

77.7616, 0.2999, 0.3163

Monochromacy



Original Color

77.9251, 0.3053, 0.3300

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9355, 0.3100, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9251, 0.3053, 0.3300 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(219, 231, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 231, 230)  
}
```

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(219, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 231, 230) }
```

Border

The CSS property to change the border of an element to Yxy 77.9251, 0.3053, 0.3300 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(219, 231, 230) }
```

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

```
.border{ border-color:rgb(219, 231, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 231, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 231, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 231,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9251, 0.3053, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 231, 230) }
```

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

```
.background{ background-color: rgb(219,  
231, 230) }
```

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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