

Converting Colors

$Yxy(75.5932, 0.3083, 0.3368)$

Have a look what the booklet for
Yxy(75.5932, 0.3083, 0.3368)
contains.

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Color

Yxy(75.8580, 0.3089, 0.3377)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D8E5DD |
| RGB | 216, 229, 221 |
| RGB Percent | 85%, 90%, 87% |
| CMY | 0.1529, 0.1019, 0.1334 |
| CMYK | 0.06, 0.00, 0.03, 0.10 |
| HSL | 143°, 20%, 87% |
| HSV | 143°, 6%, 90% |
| XYZ | 69.3886, 75.8580, 79.3847 |
| YIQ | 224.2010, -5.1800, -5.2440 |

Conversions

Conversions Part 2

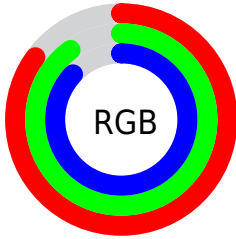
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 216, 225, 229 |
| Decimal | 14214621 |
| CIE Lab | 89.79, -5.79, 2.40 |
| CIE LCh | 90, 6.267, 157.526 |
| Yxy | 75.8580, 0.3089, 0.3377 |
| Android (android.graphics.Color) | 4292404701 (0xFFD8E5DD) |
| YUV | 224.2010, -1.5781, -7.1923 |
| Hunter-Lab | 87.0965, -10.2103, 6.9273 |

Details

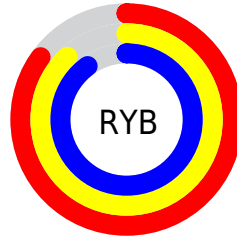
The Yxy color **75.8580, 0.3089, 0.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1549, 0.3167, 0.3205**, and the grayscale version is **74.7084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6023, 0.3078, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **71.8918, 0.3022, 0.3545**, and if you desaturate by 10%, it is **80.3800, 0.3156, 0.3228**.

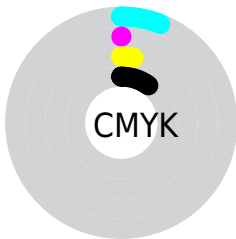
Distribution



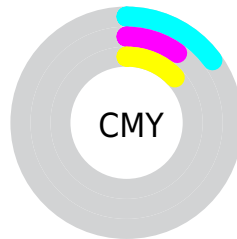
- Red (85%)
- Green (90%)
- Blue (87%)



- Red (85%)
- Yellow (88%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8580, 0.3089, 0.3377 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 75.8580, 0.3089, 0.3377 by changing the saturation by 10% instead.

■ 75.8580, 0.3089,
0.3377

■ 75.8580, 0.3089,
0.3377

480.8615, 0.3107,
0.3337

■ 56.3161, 0.3085,
0.3386

127.5262, 0.3095,
0.3363

■ 40.4564, 0.3080,
0.3398

160.4212, 0.3098,
0.3358

■ 27.8946, 0.3074,
0.3412

198.5360, 0.3100,
0.3353

■ 18.2462, 0.3065,
0.3431

242.2551, 0.3101,
0.3349

■ 11.1269, 0.3054,
0.3457

291.9628, 0.3103,
0.3345

■ 6.1522, 0.3037,
0.3494

348.0435, 0.3104,

■ 2.9379, 0.3011,

0.3342

410.8816, 0.3106,
0.3339

0.3553

1.0994, 0.2964,
0.3661

0.0000, 0.0000,
0.0000

75.8580, 0.3089,
0.3377

75.8580, 0.3089,
0.3377

71.8918, 0.3022,
0.3545

80.3800, 0.3156,
0.3228

68.4501, 0.2958,
0.3733

84.1551, 0.3176,
0.3093

65.5133, 0.2899,
0.3940

84.5218, 0.3139,
0.3039

63.0566, 0.2848,
0.4163

■ 61.0531, 0.2809,
0.4399

■ 59.4733, 0.2784,
0.4641

■ 58.2839, 0.2777,
0.4881

■ 57.4463, 0.2788,
0.5109

■ 56.9133, 0.2818,
0.5316

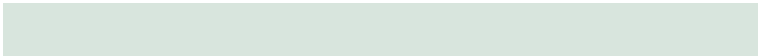
Harmonies

Analogous

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



75.8580, 0.3164, 0.3414



75.8580, 0.3089, 0.3377



75.8580, 0.3025, 0.3316

Triad

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



75.8580, 0.3089, 0.3377



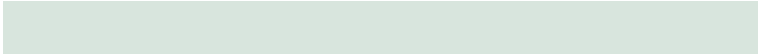
75.8580, 0.3025, 0.3165



75.8580, 0.3269, 0.3329

Complementary

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



75.8580, 0.3089, 0.3377



71.1549, 0.3167, 0.3205

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.



75.8580, 0.3231, 0.3264



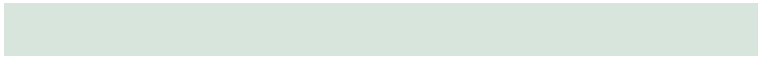
75.8580, 0.3089, 0.3377



75.8580, 0.3089, 0.3170

Square

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



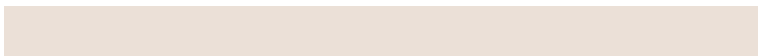
75.8580, 0.3089, 0.3377



75.8580, 0.2988, 0.3193



75.8580, 0.3164, 0.3206



75.8580, 0.3269, 0.3385

Rectangle

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



75.8580, 0.3089, 0.3377



75.8580, 0.2996, 0.3270



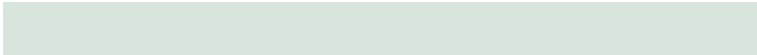
75.8580, 0.3164, 0.3206



75.8580, 0.3260, 0.3308

Sweetspot

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



75.8612, 0.3089, 0.3377



98.8447, 0.3114, 0.3320



76.8506, 0.3176, 0.3430



21.1689, 0.3114, 0.3319



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.



75.8612, 0.3089, 0.3377



96.0819, 0.3080, 0.3399



76.2143, 0.3048, 0.3306



16.3485, 0.3076, 0.3407



32.4635, 0.2825, 0.5370



2.4166, 0.2743, 0.5074

Inverse Universe

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



71.1549, 0.3167, 0.3205



88.7020, 0.3178, 0.3184



70.8091, 0.3212, 0.3274



15.0003, 0.3182, 0.3176



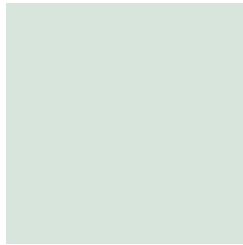
10.6503, 0.4470, 0.2236



0.8050, 0.4237, 0.2108

Previews

White Background



This preview shows how the Yxy color 75.8580, 0.3089, 0.3377 looks on a white background.

Color Contrast Check

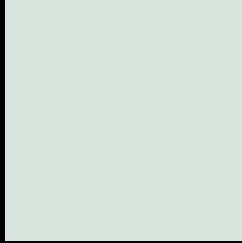
Large Text (above 18pt) WCAG AA × Fail

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 75.8580, 0.3089, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

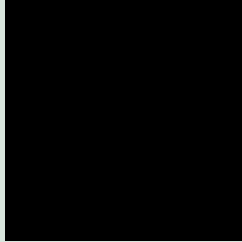
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

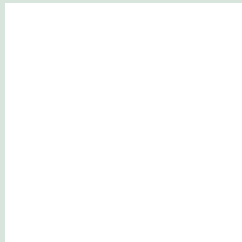
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8580, 0.3089, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 75.8580, 0.3089, 0.3377.

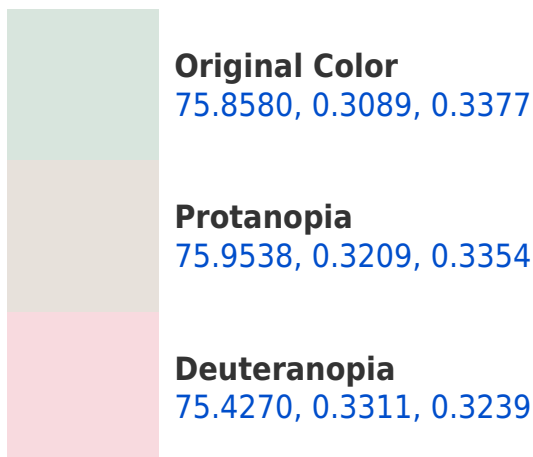


This preview shows how white text looks on a background with the Yxy color 75.8580, 0.3089, 0.3377.

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

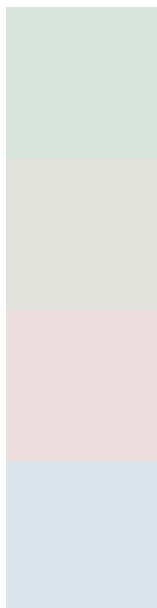




Tritanopia

76.0794, 0.2980, 0.3110

Trichromacy



Original Color

75.8580, 0.3089, 0.3377

Protanomaly

75.7288, 0.3166, 0.3354

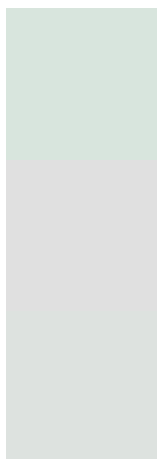
Deuteranomaly

75.3493, 0.3227, 0.3290

Tritanomaly

75.9964, 0.3022, 0.3204

Monochromacy



Original Color

75.8580, 0.3089, 0.3377

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.0926, 0.3112, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8580, 0.3089, 0.3377 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(216, 229, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 221)  
}
```

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(216, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.8580, 0.3089, 0.3377 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(216, 229, 221) }
```

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

```
.border{ border-color:rgb(216, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 229,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8580, 0.3089, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 221) }
```

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

```
.background{ background-color: rgb(216,  
229, 221) }
```

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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