

Converting Colors

$Y_{xy}(75.6759, 0.3173, 0.3365)$

Have a look what the booklet for
Yxy(75.6759, 0.3173, 0.3365)
contains.

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Color

Yxy(75.6759, 0.3173, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2DB
RGB	226, 226, 219
RGB Percent	89%, 89%, 86%
CMY	0.1135, 0.1138, 0.1412
CMYK	0.00, 0.00, 0.03, 0.11
HSL	59°, 11%, 87%
HSV	59°, 3%, 89%
XYZ	71.3580, 75.6759, 77.8573
YIQ	225.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

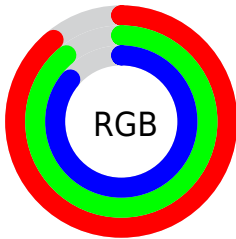
Format	Color
RYB	219, 226, 219
Decimal	14869211
CIELab	89.71, -1.21, 3.41
CIElCh	90, 3.618, 109.471
Yxy	75.6759, 0.3173, 0.3365
Android (android.graphics.Color)	4293059291 (0xFFE2E2DB)
YUV	225.2020, -3.0576, 0.6998
Hunter-Lab	86.9919, -5.8153, 7.8301

Details

The Yxy color **75.6759, 0.3173, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2454, 0.3081, 0.3214**, and the grayscale version is **75.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4641, 0.3186, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **74.4565, 0.3323, 0.3611**, and if you desaturate by 10%, it is **77.0636, 0.3029, 0.3129**.

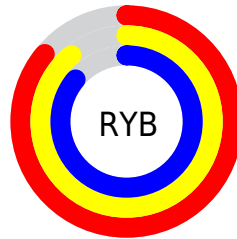
Distribution



Red (89%)

Green (89%)

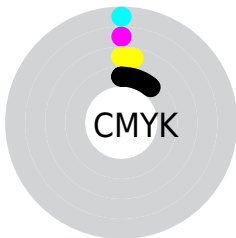
Blue (86%)



Red (86%)

Yellow (89%)

Blue (86%)

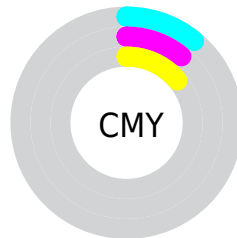


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6759, 0.3173, 0.3365 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 75.6759, 0.3173, 0.3365 by changing the saturation by 10% instead.

■ 75.6759, 0.3173,
0.3365

■ 75.6759, 0.3173,
0.3365

480.2375, 0.3152,
0.3331

■ 56.1668, 0.3178,
0.3373

127.2687, 0.3166,
0.3353

■ 40.3367, 0.3184,
0.3383

160.1211, 0.3163,
0.3348

■ 27.8011, 0.3191,
0.3395

198.1901, 0.3160,
0.3344

■ 18.1758, 0.3201,
0.3411

241.8601, 0.3158,
0.3341

■ 11.0763, 0.3214,
0.3433

291.5154, 0.3156,
0.3338

■ 6.1182, 0.3233,
0.3464

347.5405, 0.3155,

■ 2.9171, 0.3262,

0.3335

0.3514

410.3197, 0.3153,
0.3333

■ 1.0886, 0.3314,
0.3603

■ 0.0000, 0.0000,
0.0000

■ 75.6759, 0.3173,
0.3365

■ 75.6759, 0.3173,
0.3365

■ 74.4565, 0.3323,
0.3611

■ 77.0636, 0.3029,
0.3129

■ 73.3892, 0.3476,
0.3861

■ 78.0090, 0.2947,
0.2996

■ 72.4703, 0.3628,
0.4107

■ 78.1212, 0.2947,
0.2998

■ 71.6925, 0.3771,
0.4341

■ 78.2334, 0.2947,
0.3000

71.0476, 0.3902,
0.4552

78.3459, 0.2947,
0.3003

70.5267, 0.4013,
0.4731

78.4584, 0.2947,
0.3005

70.1200, 0.4100,
0.4871

78.5711, 0.2947,
0.3007

69.8158, 0.4161,
0.4968

78.6839, 0.2947,
0.3009

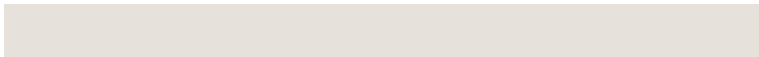
69.6002, 0.4196,
0.5021

78.7969, 0.2948,
0.3011

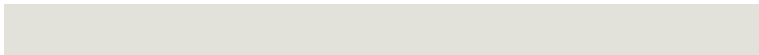
Harmonies

Analogous

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



75.6759, 0.3202, 0.3355



75.6759, 0.3173, 0.3365



75.6759, 0.3131, 0.3355

Triad

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



75.6759, 0.3173, 0.3365



75.6759, 0.3044, 0.3252



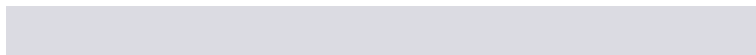
75.6759, 0.3165, 0.3253

Complementary

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



75.6759, 0.3173, 0.3365



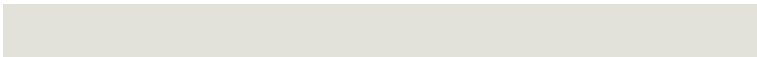
71.2454, 0.3081, 0.3214

Split Complementary

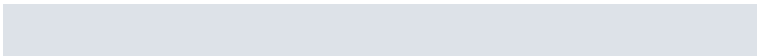
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6759, 0.3123, 0.3227



75.6759, 0.3173, 0.3365



75.6759, 0.3053, 0.3226

Square

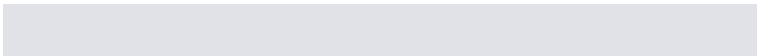
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6759, 0.3173, 0.3365



75.6759, 0.3057, 0.3290



75.6759, 0.3081, 0.3216



75.6759, 0.3198, 0.3290

Rectangle

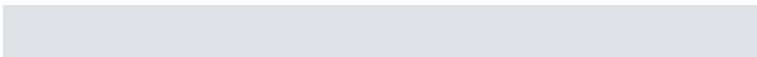
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6759, 0.3173, 0.3365



75.6759, 0.3103, 0.3338



75.6759, 0.3081, 0.3216



75.6759, 0.3152, 0.3243

Sweetspot

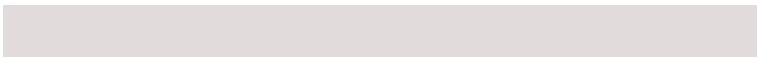
The Sweet Spot groups the original color and five complimentary colors.



75.6792, 0.3173, 0.3365



99.8220, 0.3142, 0.3314



71.9569, 0.3177, 0.3289



21.3679, 0.3141, 0.3313



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.



75.6792, 0.3173, 0.3365



99.3012, 0.3186, 0.3387



75.1676, 0.3149, 0.3366



16.1321, 0.3197, 0.3404



39.6317, 0.4209, 0.5040



2.7540, 0.4206, 0.5042

Inverse Universe

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



71.2454, 0.3081, 0.3214



91.8365, 0.3067, 0.3191



71.7468, 0.3105, 0.3214



14.7154, 0.3056, 0.3174



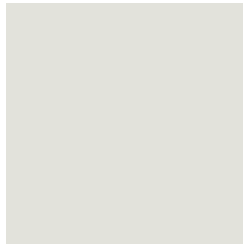
3.1674, 0.1502, 0.0606



0.2267, 0.1507, 0.0624

Previews

White Background



This preview shows how the Yxy color 75.6759, 0.3173, 0.3365 looks on a white background.

Color Contrast Check

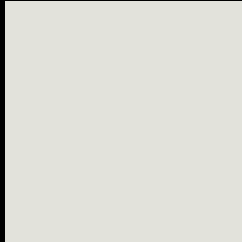
Large Text (above 18pt) WCAG AA × Fail

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 75.6759, 0.3173, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

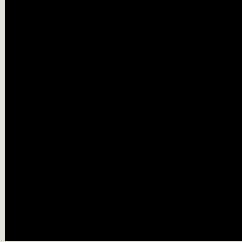
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

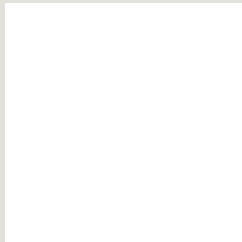
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6759, 0.3173, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 75.6759, 0.3173, 0.3365.

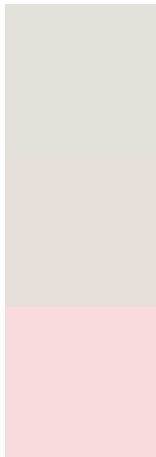


This preview shows how white text looks on a background with the Yxy color 75.6759, 0.3173, 0.3365.

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

75.6759, 0.3173, 0.3365

Protanopia

75.3622, 0.3216, 0.3354

Deuteranopia

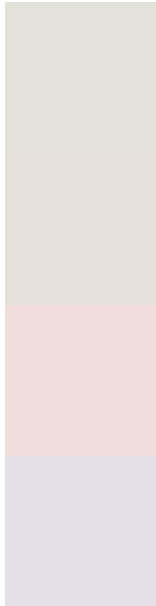
75.5030, 0.3333, 0.3260



Tritanopia

75.7246, 0.3059, 0.3113

Trichromacy



Original Color

75.6759, 0.3173, 0.3365

Protanomaly

75.5704, 0.3201, 0.3365

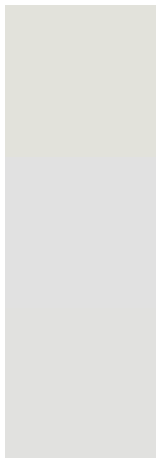
Deuteranomaly

75.5810, 0.3278, 0.3301

Tritanomaly

75.6315, 0.3103, 0.3206

Monochromacy



Original Color

75.6759, 0.3173, 0.3365

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1857, 0.3140, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6759, 0.3173, 0.3365 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(226, 226, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 219)  
}
```

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(226, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.6759, 0.3173, 0.3365 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(226, 226, 219) }
```

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

```
.border{ border-color:rgb(226, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 219); box-shadow:4px 4px 4px 4px rgb(226, 226, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6759, 0.3173, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 219) }
```

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

```
.background{ background-color: rgb(226,  
226, 219) }
```

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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