

Converting Colors

$Yxy(76.0237, 0.3167, 0.3310)$

Have a look what the booklet for
Yxy(76.0237, 0.3167, 0.3310)
contains.

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Color

Yxy(75.8362, 0.3168, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	E5E1DF
RGB	229, 225, 223
RGB Percent	90%, 88%, 87%
CMY	0.1020, 0.1176, 0.1254
CMYK	0.00, 0.02, 0.03, 0.10
HSL	20°, 10%, 89%
HSV	20°, 3%, 90%
XYZ	72.5609, 75.8362, 80.6461
YIQ	225.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

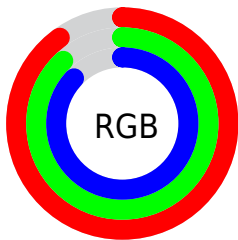
Format	Color
R_{YB}	229, 226, 223
Decimal	15065567
CIE _{Lab}	89.78, 1.01, 1.43
CIE _{LCh}	90, 1.751, 54.716
Yxy	75.8362, 0.3168, 0.3311
Android (android.graphics.Color)	4293255647 (0xFFE5E1DF)
YUV	225.9680, -1.4632, 2.6591
Hunter-Lab	87.0840, -3.6656, 6.0519

Details

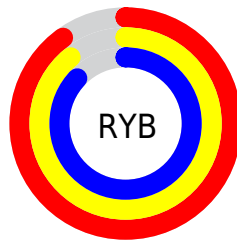
The Yxy color **75.8362, 0.3168, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3047, 0.3087, 0.3269**, and the grayscale version is **76.0414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5753, 0.3181, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **66.7622, 0.3342, 0.3395**, and if you desaturate by 10%, it is **85.8288, 0.3021, 0.3233**.

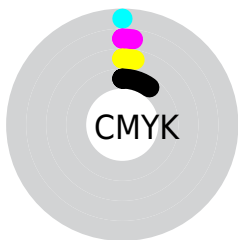
Distribution



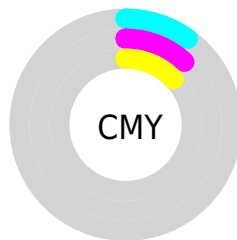
- Red (90%)
- Green (88%)
- Blue (87%)



- Red (90%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8362, 0.3168, 0.3311 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 75.8362, 0.3168, 0.3311 by changing the saturation by 10% instead.

■ 75.8362, 0.3168,
0.3311

■ 75.8362, 0.3168,
0.3311

480.7868, 0.3149,
0.3301

■ 56.2982, 0.3172,
0.3313

127.4953, 0.3162,
0.3308

■ 40.4421, 0.3178,
0.3316

160.3853, 0.3159,
0.3306

■ 27.8834, 0.3184,
0.3319

198.4946, 0.3157,
0.3305

■ 18.2378, 0.3193,
0.3324

242.2078, 0.3155,
0.3304

■ 11.1208, 0.3205,
0.3329

291.9093, 0.3153,
0.3304

■ 6.1482, 0.3222,
0.3338

347.9833, 0.3152,

■ 2.9354, 0.3248,

0.3303

0.3351

410.8143, 0.3150,
0.3302

1.0981, 0.3295,
0.3374

0.0000, 1.0000,
0.0000

75.8362, 0.3168,
0.3311

75.8362, 0.3168,
0.3311

66.7622, 0.3342,
0.3395

85.8288, 0.3021,
0.3233

58.5708, 0.3548,
0.3485

95.3983, 0.2970,
0.3290

51.2379, 0.3789,
0.3576

44.7345, 0.4069,
0.3666

■ 39.0302, 0.4385,
0.3746

■ 34.0921, 0.4732,
0.3808

■ 29.8854, 0.5091,
0.3838

■ 26.3717, 0.5435,
0.3825

■ 23.5084, 0.5731,
0.3761

Harmonies

Analogous

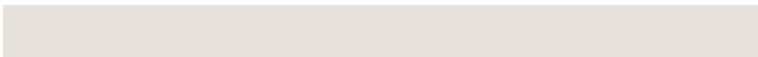
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8362, 0.3163, 0.3294



75.8362, 0.3168, 0.3311



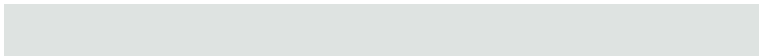
75.8362, 0.3162, 0.3323

Triad

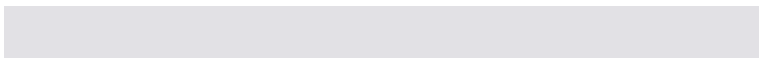
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8362, 0.3168, 0.3311



75.8362, 0.3106, 0.3305



75.8362, 0.3108, 0.3255

Complementary

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



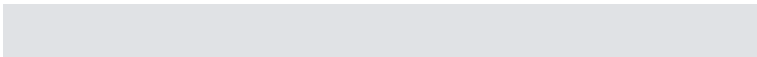
75.8362, 0.3168, 0.3311



76.3047, 0.3087, 0.3269

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.



75.8362, 0.3093, 0.3258



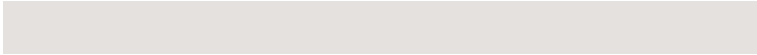
75.8362, 0.3168, 0.3311



75.8362, 0.3091, 0.3287

Square

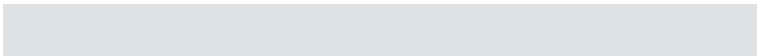
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8362, 0.3168, 0.3311



75.8362, 0.3126, 0.3320



75.8362, 0.3087, 0.3269



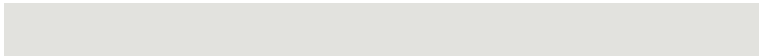
75.8362, 0.3129, 0.3261

Rectangle

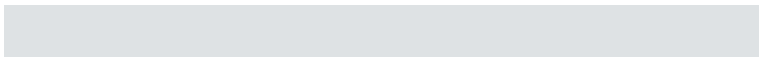
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



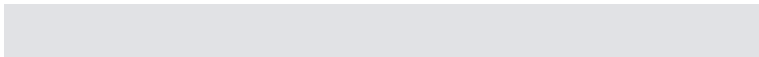
75.8362, 0.3168, 0.3311



75.8362, 0.3152, 0.3326



75.8362, 0.3087, 0.3269



75.8362, 0.3102, 0.3254

Sweetspot

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



75.8395, 0.3168, 0.3311



98.7520, 0.3143, 0.3298



75.0023, 0.3142, 0.3247



21.1502, 0.3142, 0.3298



0.0000, 0.0000, 0.0000



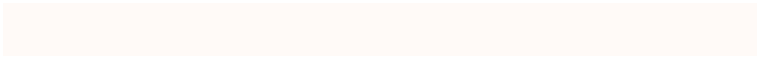
21.4041, 0.3127, 0.3290

Same Dimension

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



75.8395, 0.3168, 0.3311



96.2913, 0.3175, 0.3314



77.4234, 0.3166, 0.3342



16.2741, 0.3187, 0.3321



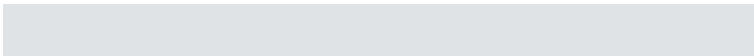
12.6464, 0.5881, 0.3712



1.0998, 0.5597, 0.3938

Inverse Universe

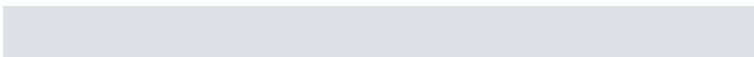
The Inverse Universe completely reimagines the original color for something new.



76.3047, 0.3087, 0.3269



96.9766, 0.3081, 0.3266



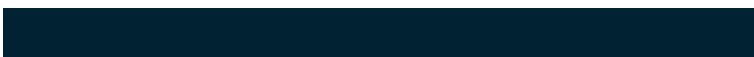
74.7289, 0.3088, 0.3238



16.4199, 0.3069, 0.3259



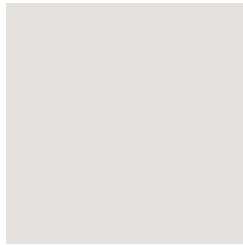
16.5608, 0.1938, 0.2176



1.3922, 0.1988, 0.2358

Previews

White Background



This preview shows how the Yxy color 75.8362, 0.3168, 0.3311 looks on a white background.

Color Contrast Check

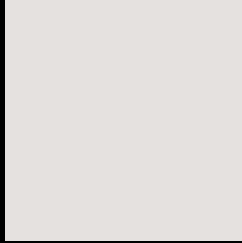
Large Text (above 18pt) WCAG AA × Fail

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 75.8362, 0.3168, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

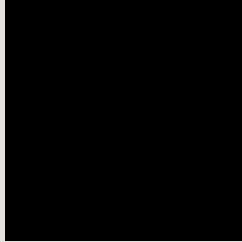
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

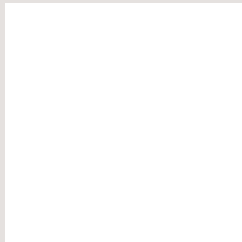
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8362, 0.3168, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 75.8362, 0.3168, 0.3311.

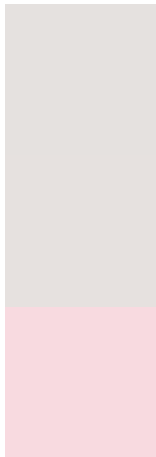


This preview shows how white text looks on a background with the Yxy color 75.8362, 0.3168, 0.3311.

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

75.8362, 0.3168, 0.3311

Protanopia

76.0011, 0.3175, 0.3311

Deuteranopia

75.4811, 0.3304, 0.3229



Tritanopia

75.6896, 0.3080, 0.3103

Trichromacy



Original Color

75.8362, 0.3168, 0.3311

Protanomaly

76.0011, 0.3175, 0.3311

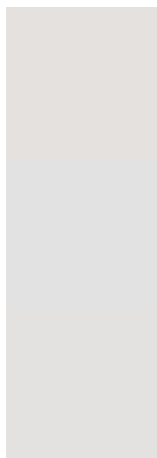
Deuteranomaly

75.7955, 0.3250, 0.3259

Tritanomaly

75.7048, 0.3112, 0.3175

Monochromacy



Original Color

75.8362, 0.3168, 0.3311

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1598, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8362, 0.3168, 0.3311 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(229, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 223)  
}
```

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(229, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 223) }
```

Border

The CSS property to change the border of an element to Yxy 75.8362, 0.3168, 0.3311 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(229, 225, 223) }
```

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

```
.border{ border-color:rgb(229, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8362, 0.3168, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 223) }
```

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

```
.background{ background-color: rgb(229,  
225, 223) }
```

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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