

Converting Colors

$Yxy(75.1199, 0.3184, 0.3325)$

Have a look what the booklet for
Yxy(75.1199, 0.3184, 0.3325)
contains.

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Color

Yxy(75.1898, 0.3182, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0DD
RGB	229, 224, 221
RGB Percent	90%, 88%, 87%
CMY	0.1019, 0.1216, 0.1333
CMYK	0.00, 0.02, 0.03, 0.10
HSL	22°, 13%, 88%
HSV	22°, 3%, 90%
XYZ	72.0211, 75.1898, 79.1281
YIQ	225.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

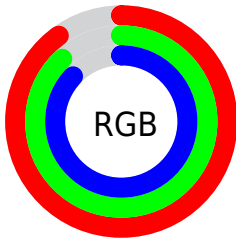
Format	Color
R _Y B	229, 226, 221
Decimal	15065309
CIE Lab	89.48, 1.17, 2.05
CIE LCh	89, 2.365, 60.215
Yxy	75.1898, 0.3182, 0.3322
Android (android.graphics.Color)	4293255389 (0xFFE5E0DD)
YUV	225.1530, -2.0474, 3.3738
Hunter-Lab	86.7121, -3.4881, 6.5940

Details

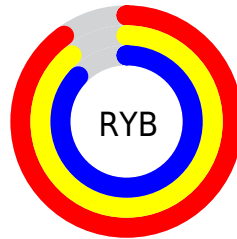
The Yxy color $75.1898, 0.3182, 0.3322$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.4272, 0.3074, 0.3258$, and the grayscale version is $75.4261, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.1278, 0.3199, 0.3332$ is the 20% darker color. If you saturate the color by 10%, you get $66.6792, 0.3357, 0.3418$, and if you desaturate by 10%, it is $84.5215, 0.3033, 0.3233$.

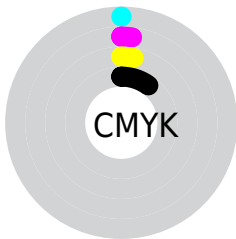
Distribution



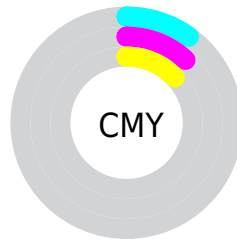
- Red (90%)
- Green (88%)
- Blue (87%)



- 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 75.1898, 0.3182, 0.3322 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 75.1898, 0.3182, 0.3322 by changing the saturation by 10% instead.

■ 75.1898, 0.3182,
0.3322

■ 75.1898, 0.3182,
0.3322

478.5697, 0.3157,
0.3307

■ 55.7684, 0.3188,
0.3325

126.5810, 0.3173,
0.3317

■ 40.0173, 0.3195,
0.3329

159.3196, 0.3170,
0.3315

■ 27.5520, 0.3204,
0.3335

197.2660, 0.3167,
0.3313

■ 17.9882, 0.3216,
0.3341

240.8047, 0.3164,
0.3312

■ 10.9415, 0.3232,
0.3350

290.3200, 0.3162,
0.3311

■ 6.0275, 0.3255,
0.3363

346.1963, 0.3160,

■ 2.8618, 0.3291,

0.3309

0.3384

408.8181, 0.3158,
0.3308

1.0600, 0.3355,
0.3419

0.0000, 0.0000,
0.0000

75.1898, 0.3182,
0.3322

75.1898, 0.3182,
0.3322

66.6792, 0.3357,
0.3418

84.5215, 0.3033,
0.3233

58.9573, 0.3562,
0.3519

93.9022, 0.2969,
0.3266

52.0039, 0.3800,
0.3623

95.3986, 0.2970,
0.3290

45.7938, 0.4072,
0.3724

■ 40.3010, 0.4376,
0.3814

■ 35.4971, 0.4705,
0.3884

■ 31.3521, 0.5042,
0.3920

■ 27.8330, 0.5363,
0.3910

■ 24.9029, 0.5639,
0.3847

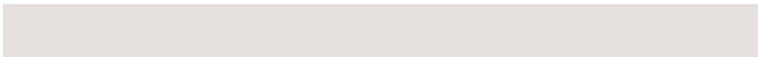
Harmonies

Analogous

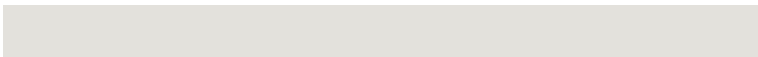
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1898, 0.3178, 0.3299



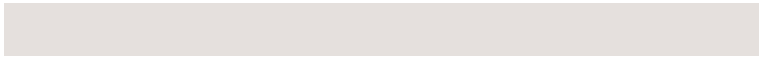
75.1898, 0.3182, 0.3322



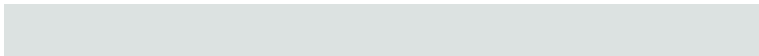
75.1898, 0.3171, 0.3336

Triad

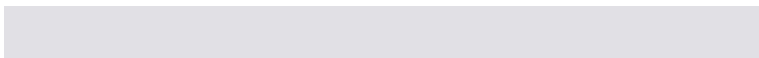
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1898, 0.3182, 0.3322



75.1898, 0.3094, 0.3306



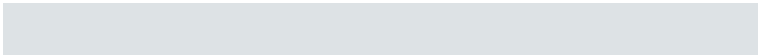
75.1898, 0.3106, 0.3243

Complementary

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



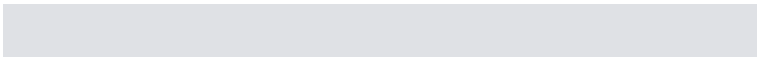
75.1898, 0.3182, 0.3322



75.4272, 0.3074, 0.3258

Split Complementary

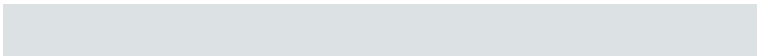
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1898, 0.3084, 0.3244



75.1898, 0.3182, 0.3322



75.1898, 0.3076, 0.3281

Square

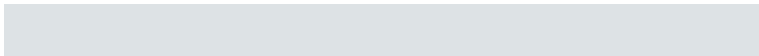
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



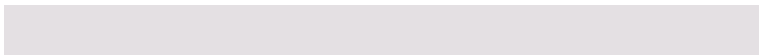
75.1898, 0.3182, 0.3322



75.1898, 0.3120, 0.3327



75.1898, 0.3073, 0.3258



75.1898, 0.3135, 0.3254

Rectangle

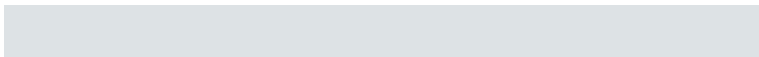
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



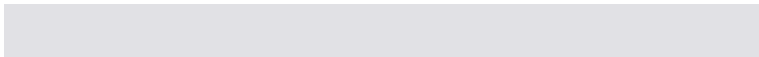
75.1898, 0.3182, 0.3322



75.1898, 0.3157, 0.3339



75.1898, 0.3073, 0.3258



75.1898, 0.3098, 0.3242

Sweetspot

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



75.1931, 0.3182, 0.3322



98.8238, 0.3143, 0.3299



73.8705, 0.3150, 0.3236



21.1648, 0.3142, 0.3299



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.



75.1931, 0.3182, 0.3322



95.3587, 0.3191, 0.3327



77.3318, 0.3179, 0.3364



16.1367, 0.3202, 0.3334



13.5262, 0.5762, 0.3807



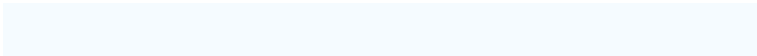
1.1734, 0.5488, 0.4025

Inverse Universe

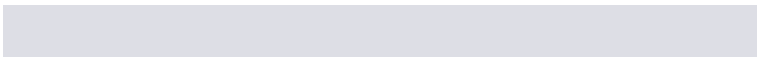
The Inverse Universe completely reimagines the original color for something new.



75.4272, 0.3074, 0.3258



95.7017, 0.3065, 0.3253



73.3125, 0.3075, 0.3215



16.2052, 0.3055, 0.3246



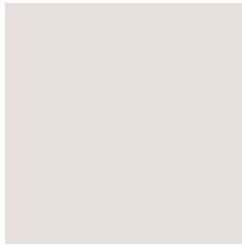
14.7355, 0.1894, 0.2017



1.2659, 0.1951, 0.2223

Previews

White Background



This preview shows how the Yxy color 75.1898, 0.3182, 0.3322 looks on a white background.

Color Contrast Check

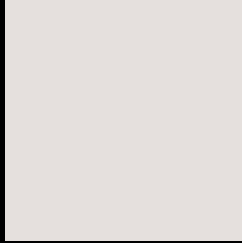
Large Text (above 18pt) WCAG AA × Fail

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 75.1898, 0.3182, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

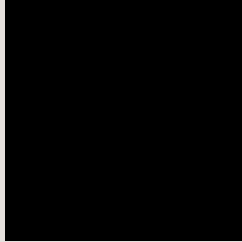
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

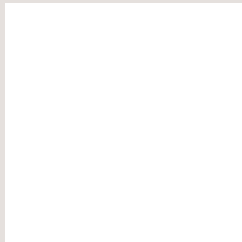
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1898, 0.3182, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 75.1898, 0.3182, 0.3322.

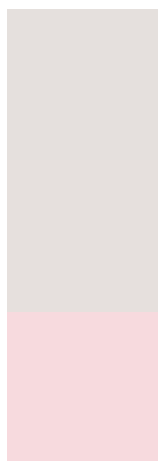


This preview shows how white text looks on a background with the Yxy color 75.1898, 0.3182, 0.3322.

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

75.1898, 0.3182, 0.3322

Protanopia

75.3548, 0.3189, 0.3322

Deuteranopia

75.1909, 0.3311, 0.3250



Tritanopia

75.1007, 0.3087, 0.3103

Trichromacy



Original Color

75.1898, 0.3182, 0.3322

Protanomaly

75.3548, 0.3189, 0.3322

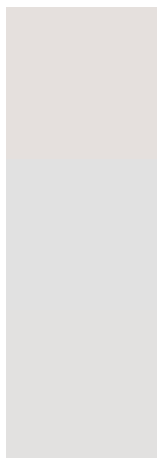
Deuteranomaly

74.9856, 0.3258, 0.3270

Tritanomaly

75.0577, 0.3125, 0.3185

Monochromacy



Original Color

75.1898, 0.3182, 0.3322

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4010, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1898, 0.3182, 0.3322 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, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 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(229, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.1898, 0.3182, 0.3322 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, 224, 221) }
```

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

```
.border{ border-color:rgb(229, 224, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1898, 0.3182, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 221) }
```

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

```
.background{ background-color: rgb(229,  
224, 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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