

Converting Colors

$Y_{xy}(73.5718, 0.3170, 0.3316)$

Have a look what the booklet for
Yxy(73.5718, 0.3170, 0.3316)
contains.

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Color

Yxy(73.5786, 0.3169, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E2DEDC
RGB	226, 222, 220
RGB Percent	89%, 87%, 86%
CMY	0.1137, 0.1294, 0.1374
CMYK	0.00, 0.02, 0.03, 0.11
HSL	20°, 9%, 87%
HSV	20°, 3%, 89%
XYZ	70.4017, 73.5786, 78.1773
YIQ	222.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

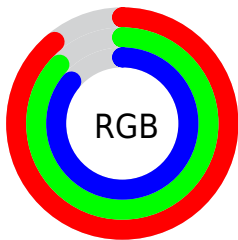
Format	Color
R _Y B	226, 223, 220
Decimal	14868188
CIE Lab	88.72, 1.00, 1.47
CIE LCh	89, 1.778, 55.629
Yxy	73.5786, 0.3169, 0.3312
Android (android.graphics.Color)	4293058268 (0xFFE2DEDC)
YUV	222.9680, -1.4632, 2.6591
Hunter-Lab	85.7780, -3.6087, 6.0082

Details

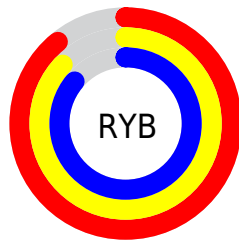
The Yxy color **73.5786, 0.3169, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9968, 0.3086, 0.3268**, and the grayscale version is **73.7783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0120, 0.3181, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **64.8609, 0.3343, 0.3398**, and if you desaturate by 10%, it is **83.1708, 0.3022, 0.3232**.

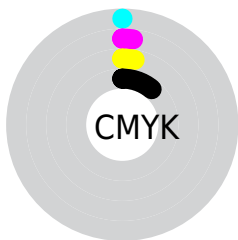
Distribution



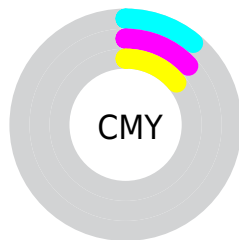
- Red (89%)
- Green (87%)
- Blue (86%)



- Red (89%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5786, 0.3169, 0.3312 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 73.5786, 0.3169, 0.3312 by changing the saturation by 10% instead.

■ 73.5786, 0.3169,
0.3312

■ 73.5786, 0.3169,
0.3312

473.0177, 0.3150,
0.3302

■ 54.4492, 0.3173,
0.3314

124.2983, 0.3162,
0.3309

■ 38.9609, 0.3179,
0.3317

156.6573, 0.3160,
0.3307

■ 26.7293, 0.3186,
0.3321

194.1951, 0.3157,
0.3306

■ 17.3700, 0.3195,
0.3325

237.2959, 0.3155,
0.3305

■ 10.4987, 0.3207,
0.3332

286.3441, 0.3154,
0.3304

■ 5.7308, 0.3225,
0.3341

341.7243, 0.3152,

■ 2.6821, 0.3254,

0.3303

403.8207, 0.3151,
0.3303

0.3355

0.9681, 0.3305,
0.3381

0.0000, 0.0000,
0.0000

73.5786, 0.3169,
0.3312

73.5786, 0.3169,
0.3312

64.8609, 0.3343,
0.3398

83.1708, 0.3022,
0.3232

56.9834, 0.3548,
0.3489

92.9793, 0.2952,
0.3259

49.9233, 0.3788,
0.3583

94.9103, 0.2952,
0.3289

43.6535, 0.4066,
0.3674

■ 38.1449, 0.4380,
0.3757

■ 33.3668, 0.4723,
0.3820

■ 29.2862, 0.5078,
0.3851

■ 25.8668, 0.5419,
0.3839

■ 23.0685, 0.5712,
0.3776

Harmonies

Analogous

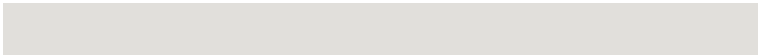
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5786, 0.3165, 0.3294



73.5786, 0.3169, 0.3312



73.5786, 0.3162, 0.3324

Triad

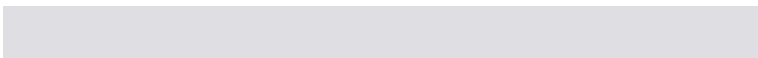
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5786, 0.3169, 0.3312



73.5786, 0.3104, 0.3305



73.5786, 0.3108, 0.3254

Complementary

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



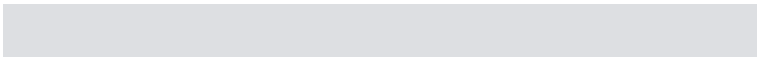
73.5786, 0.3169, 0.3312



73.9968, 0.3086, 0.3268

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.



73.5786, 0.3092, 0.3256



73.5786, 0.3169, 0.3312



73.5786, 0.3090, 0.3286

Square

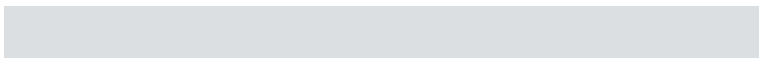
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



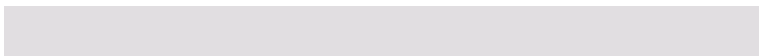
73.5786, 0.3169, 0.3312



73.5786, 0.3125, 0.3320



73.5786, 0.3086, 0.3268



73.5786, 0.3129, 0.3261

Rectangle

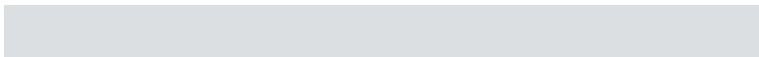
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



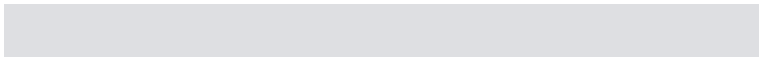
73.5786, 0.3169, 0.3312



73.5786, 0.3152, 0.3327



73.5786, 0.3086, 0.3268



73.5786, 0.3102, 0.3254

Sweetspot

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



73.5818, 0.3169, 0.3312



98.7638, 0.3143, 0.3298



72.7206, 0.3144, 0.3247



21.1526, 0.3142, 0.3298



0.0000, 0.0000, 0.0000



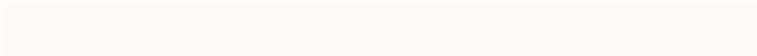
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5818, 0.3169, 0.3312



96.3263, 0.3175, 0.3315



75.1875, 0.3167, 0.3344



15.5202, 0.3187, 0.3321



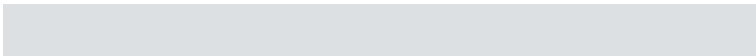
12.3931, 0.5860, 0.3729



1.0206, 0.5561, 0.3966

Inverse Universe

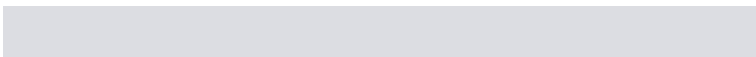
The Inverse Universe completely reimagines the original color for something new.



73.9968, 0.3086, 0.3268



96.9412, 0.3081, 0.3265



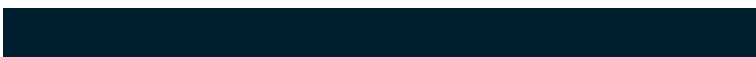
72.4009, 0.3087, 0.3235



15.6447, 0.3069, 0.3259



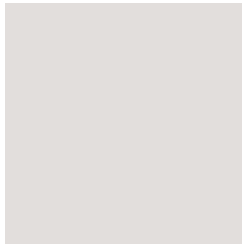
15.7515, 0.1931, 0.2151



1.2553, 0.1985, 0.2347

Previews

White Background



This preview shows how the Yxy color 73.5786, 0.3169, 0.3312 looks on a white background.

Color Contrast Check

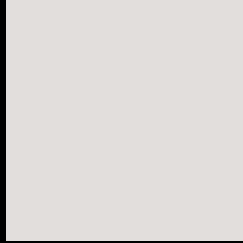
Large Text (above 18pt) WCAG AA × Fail

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 73.5786, 0.3169, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

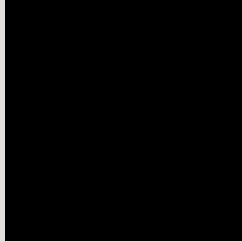
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

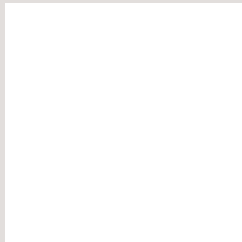
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5786, 0.3169, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.5786, 0.3169, 0.3312.

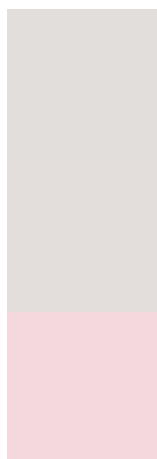


This preview shows how white text looks on a background with the Yxy color 73.5786, 0.3169, 0.3312.

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

73.5786, 0.3169, 0.3312

Protanopia

73.7408, 0.3176, 0.3312

Deuteranopia

73.7447, 0.3306, 0.3239



Tritanopia

73.4355, 0.3080, 0.3101

Trichromacy



Original Color

73.5786, 0.3169, 0.3312

Protanomaly

73.7408, 0.3176, 0.3312

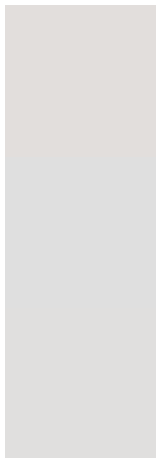
Deuteranomaly

73.5404, 0.3252, 0.3259

Tritanomaly

73.4499, 0.3111, 0.3174

Monochromacy



Original Color

73.5786, 0.3169, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8966, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5786, 0.3169, 0.3312 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, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 220)  
}
```

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, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.5786, 0.3169, 0.3312 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, 222, 220) }
```

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

```
.border{ border-color:rgb(226, 222, 220) }
```

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

Here you see how a box with a 4 pixel rgb(226, 222, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5786, 0.3169, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 220) }
```

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

```
.background{ background-color: rgb(226,  
222, 220) }
```

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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