

Converting Colors

$Yxy(75.2563, 0.3073, 0.3299)$

Have a look what the booklet for
Yxy(75.2563, 0.3073, 0.3299)
contains.

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Color

Yxy(75.3346, 0.3072, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	DAE3E2
RGB	218, 227, 226
RGB Percent	85%, 89%, 89%
CMY	0.1451, 0.1098, 0.1138
CMYK	0.04, 0.00, 0.00, 0.11
HSL	173°, 14%, 87%
HSV	173°, 4%, 89%
XYZ	70.1084, 75.3346, 82.7745
YIQ	224.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

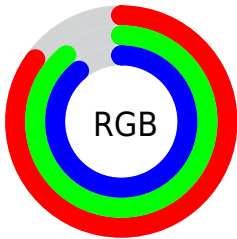
Format	Color
R _Y B	218, 223, 227
Decimal	14345186
CIE Lab	89.55, -3.19, -0.55
CIE LCh	90, 3.236, 189.812
Yxy	75.3346, 0.3072, 0.3301
Android (android.graphics.Color)	4292535266 (0xFFDAE3E2)
YUV	224.1950, 0.8899, -5.4330
Hunter-Lab	86.7955, -7.7101, 4.2136

Details

The Yxy color **75.3346, 0.3072, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5969, 0.3185, 0.3279**, and the grayscale version is **74.6858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2319, 0.3056, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **71.9317, 0.2937, 0.3331**, and if you desaturate by 10%, it is **79.2254, 0.3212, 0.3274**.

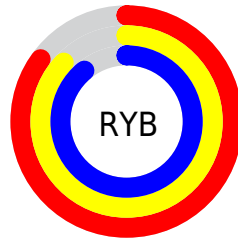
Distribution



Red (85%)

Green (89%)

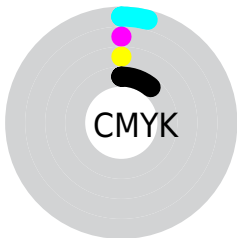
Blue (89%)



Red (85%)

Yellow (87%)

Blue (89%)

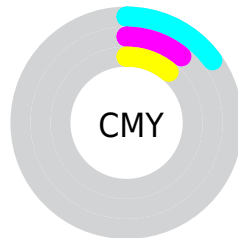


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3346, 0.3072, 0.3301 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 75.3346, 0.3072, 0.3301 by changing the saturation by 10% instead.

■ 75.3346, 0.3072,
0.3301

■ 75.3346, 0.3072,
0.3301

479.0668, 0.3097,
0.3296

■ 55.8871, 0.3066,
0.3302

126.7859, 0.3081,
0.3299

■ 40.1124, 0.3059,
0.3303

159.5584, 0.3084,
0.3299

■ 27.6262, 0.3050,
0.3305

197.5414, 0.3087,
0.3298

■ 18.0441, 0.3038,
0.3307

241.1192, 0.3090,
0.3298

■ 10.9816, 0.3022,
0.3310

290.6763, 0.3092,
0.3297

■ 6.0545, 0.3000,
0.3315

346.5970, 0.3094,

■ 2.8782, 0.2964,

0.3297

0.3321

409.2657, 0.3096,
0.3296

■ 1.0685, 0.2900,
0.3333

■ 0.0000, 0.0000,
0.0000

■ 75.3346, 0.3072,
0.3301

■ 75.3346, 0.3072,
0.3301

■ 71.9317, 0.2937,
0.3331

■ 79.2254, 0.3212,
0.3274

■ 68.9878, 0.2810,
0.3363


■ 81.9823, 0.3296,
0.3249

■ 66.4853, 0.2694,
0.3398


■ 82.1314, 0.3278,
0.3223


■ 64.4020, 0.2591,
0.3435


■ 82.2827, 0.3261,
0.3197

 62.7137, 0.2505,
0.3473


 82.4362, 0.3243,
0.3172


 61.3937, 0.2438,
0.3513


 82.5919, 0.3226,
0.3146

 60.4120, 0.2389,
0.3553

 82.7499, 0.3209,
0.3121

 59.7340, 0.2361,
0.3594

 82.9101, 0.3192,
0.3096

 59.3173, 0.2350,
0.3634

 83.0727, 0.3175,
0.3071

Harmonies

Analogous

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



75.3346, 0.3105, 0.3333



75.3346, 0.3072, 0.3301



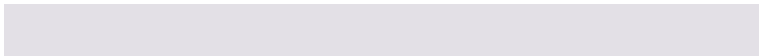
75.3346, 0.3054, 0.3266

Triad

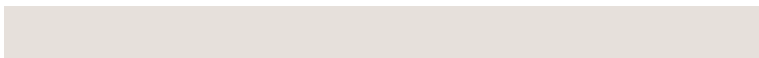
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3346, 0.3072, 0.3301



75.3346, 0.3111, 0.3228



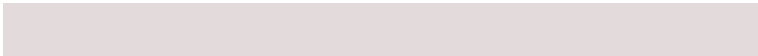
75.3346, 0.3199, 0.3341

Complementary

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



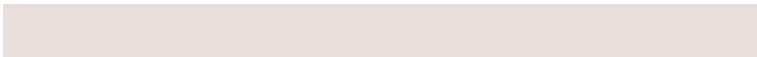
75.3346, 0.3072, 0.3301



71.5969, 0.3185, 0.3279

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.



75.3346, 0.3201, 0.3313



75.3346, 0.3072, 0.3301



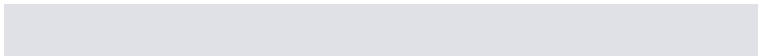
75.3346, 0.3150, 0.3248

Square

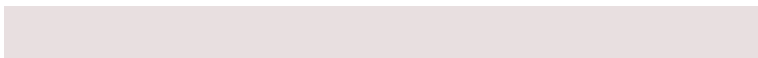
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



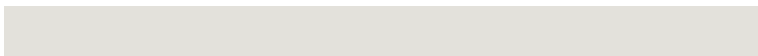
75.3346, 0.3072, 0.3301



75.3346, 0.3076, 0.3225



75.3346, 0.3183, 0.3279



75.3346, 0.3178, 0.3356

Rectangle

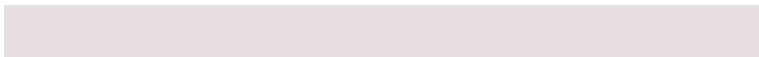
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



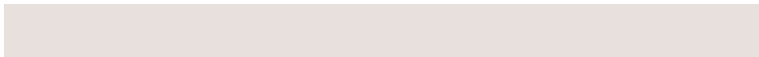
75.3346, 0.3072, 0.3301



75.3346, 0.3053, 0.3247



75.3346, 0.3183, 0.3279



75.3346, 0.3202, 0.3333

Sweetspot

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



75.3378, 0.3072, 0.3301



99.5007, 0.3113, 0.3293



75.0733, 0.3130, 0.3388



21.3025, 0.3114, 0.3293



0.0000, 0.0000, 0.0000



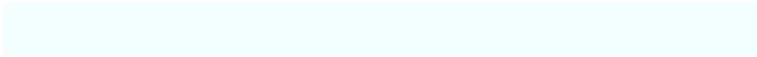
21.4041, 0.3127, 0.3290

Same Dimension

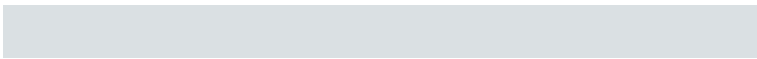
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3378, 0.3072, 0.3301



97.5673, 0.3057, 0.3304



73.5272, 0.3066, 0.3253



16.5981, 0.3048, 0.3306



34.5066, 0.2348, 0.3651



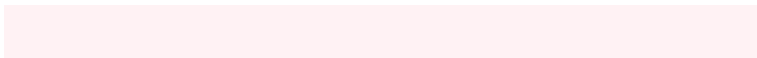
2.5581, 0.2331, 0.3593

Inverse Universe

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



71.5969, 0.3185, 0.3279



91.4278, 0.3202, 0.3276



73.3498, 0.3190, 0.3327



15.4214, 0.3212, 0.3274



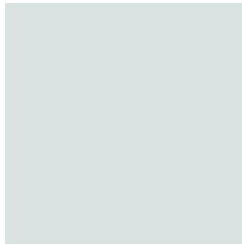
9.5768, 0.6256, 0.3220



0.7167, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 75.3346, 0.3072, 0.3301 looks on a white background.

Color Contrast Check

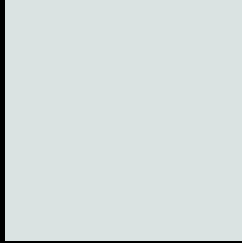
Large Text (above 18pt) WCAG AA × Fail

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 75.3346, 0.3072, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

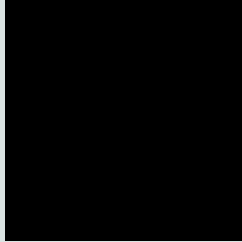
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

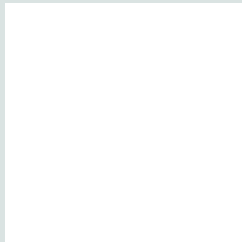
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3346, 0.3072, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 75.3346, 0.3072, 0.3301.

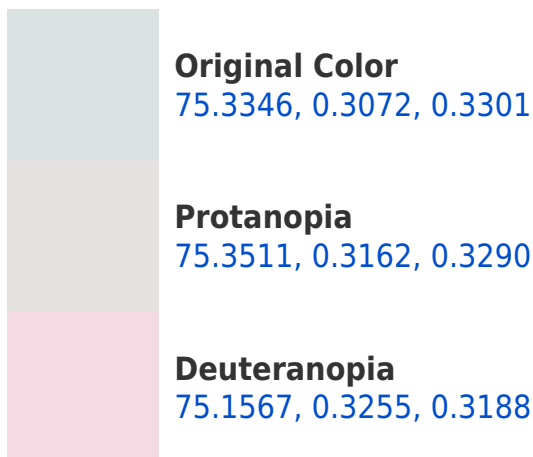


This preview shows how white text looks on a background with the Yxy color 75.3346, 0.3072, 0.3301.

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

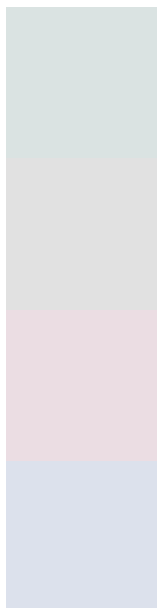




Tritanopia

75.0943, 0.2993, 0.3100

Trichromacy



Original Color

75.3346, 0.3072, 0.3301

Protanomaly

75.2942, 0.3127, 0.3290

Deuteranomaly

74.9211, 0.3187, 0.3227

Tritanomaly

75.1222, 0.3023, 0.3173

Monochromacy



Original Color

75.3346, 0.3072, 0.3301

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8163, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3346, 0.3072, 0.3301 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(218, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 226)  
}
```

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(218, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.3346, 0.3072, 0.3301 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(218, 227, 226) }
```

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

```
.border{ border-color:rgb(218, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3346, 0.3072, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 226) }
```

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

```
.background{ background-color: rgb(218,  
227, 226) }
```

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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