

Converting Colors

$Yxy(75.4816, 0.3077, 0.3299)$

Have a look what the booklet for
Yxy(75.4816, 0.3077, 0.3299)
contains.

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Color

Yxy(75.4892, 0.3079, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	DBE3E2
RGB	219, 227, 226
RGB Percent	86%, 89%, 89%
CMY	0.1411, 0.1098, 0.1139
CMYK	0.04, 0.00, 0.00, 0.11
HSL	172°, 12%, 87%
HSV	172°, 4%, 89%
XYZ	70.4124, 75.4892, 82.7843
YIQ	224.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

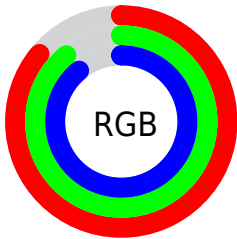
Format	Color
R _Y B	219, 223, 227
Decimal	14410722
CIE Lab	89.62, -2.85, -0.43
CIE LCh	90, 2.880, 188.671
Yxy	75.4892, 0.3079, 0.3301
Android (android.graphics.Color)	4292600802 (0xFFDBE3E2)
YUV	224.4940, 0.7425, -4.8182
Hunter-Lab	86.8845, -7.3891, 4.3272

Details

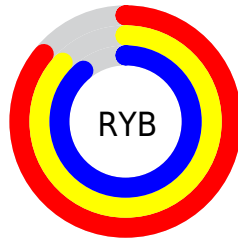
The Yxy color `75.4892, 0.3079, 0.3301` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72.1810, 0.3177, 0.3279`, and the grayscale version is `74.9135, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.3378, 0.3064, 0.3304` is the 20% darker color. If you saturate the color by 10%, you get `72.0471, 0.2946, 0.3335`, and if you desaturate by 10%, it is `79.4207, 0.3217, 0.3271`.

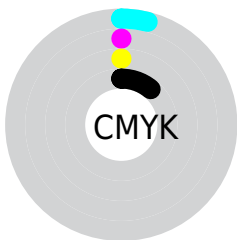
Distribution



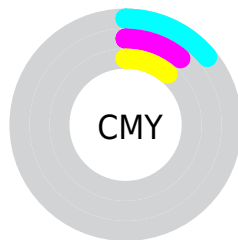
- Red (86%)
- Green (89%)
- Blue (89%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4892, 0.3079, 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 75.4892, 0.3079, 0.3301 by changing the saturation by 10% instead.

■ 75.4892, 0.3079,
0.3301

■ 75.4892, 0.3079,
0.3301

479.5973, 0.3101,
0.3296

■ 56.0138, 0.3074,
0.3302

127.0046, 0.3087,
0.3299

■ 40.2140, 0.3068,
0.3303

159.8134, 0.3090,
0.3299

■ 27.7054, 0.3060,
0.3305

197.8353, 0.3092,
0.3298

■ 18.1037, 0.3050,
0.3307

241.4549, 0.3094,
0.3298

■ 11.0245, 0.3036,
0.3310

291.0565, 0.3096,
0.3297

■ 6.0833, 0.3016,
0.3315

347.0245, 0.3098,

■ 2.8958, 0.2985,

0.3297

0.3322

409.7433, 0.3100,
0.3296

■ 1.0776, 0.2929,
0.3333

■ 0.0000, 0.0000,
0.0000

■ 75.4892, 0.3079,
0.3301

■ 75.4892, 0.3079,
0.3301

■ 72.0471, 0.2946,
0.3335

■ 79.4207, 0.3217,
0.3271

■ 69.0653, 0.2820,
0.3371

■ 82.0173, 0.3291,
0.3242


■ 66.5265, 0.2705,
0.3411

■ 82.1864, 0.3272,
0.3213


■ 64.4086, 0.2603,
0.3452

■ 82.3583, 0.3252,
0.3184

 62.6873, 0.2517,
0.3496


 82.5331, 0.3232,
0.3155

 61.3362, 0.2450,
0.3541


 82.7107, 0.3213,
0.3127


 60.3254, 0.2402,
0.3587

 82.8912, 0.3194,
0.3098

 59.6205, 0.2373,
0.3633

 83.0746, 0.3175,
0.3070

 59.1796, 0.2363,
0.3678

 83.2609, 0.3156,
0.3042

Harmonies

Analogous

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



75.4892, 0.3108, 0.3329



75.4892, 0.3079, 0.3301



75.4892, 0.3062, 0.3270

Triad

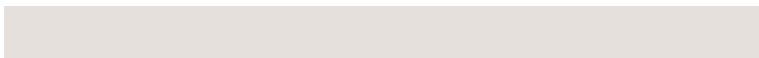
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4892, 0.3079, 0.3301



75.4892, 0.3111, 0.3235



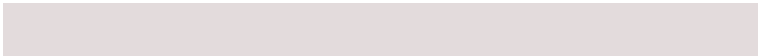
75.4892, 0.3192, 0.3335

Complementary

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



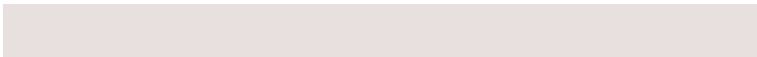
75.4892, 0.3079, 0.3301



72.1810, 0.3177, 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.



75.4892, 0.3193, 0.3310



75.4892, 0.3079, 0.3301



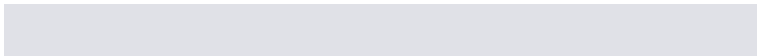
75.4892, 0.3146, 0.3252

Square

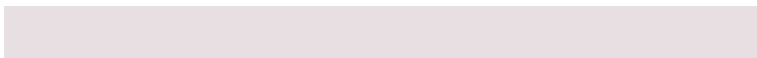
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



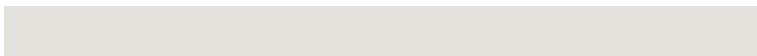
75.4892, 0.3079, 0.3301



75.4892, 0.3081, 0.3232



75.4892, 0.3176, 0.3279



75.4892, 0.3174, 0.3349

Rectangle

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



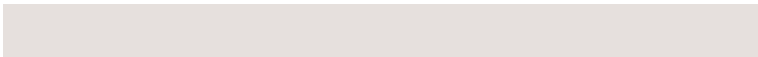
75.4892, 0.3079, 0.3301



75.4892, 0.3061, 0.3252



75.4892, 0.3176, 0.3279



75.4892, 0.3194, 0.3328

Sweetspot

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



75.4924, 0.3079, 0.3301



99.4982, 0.3113, 0.3293



75.2849, 0.3130, 0.3376



21.3020, 0.3114, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

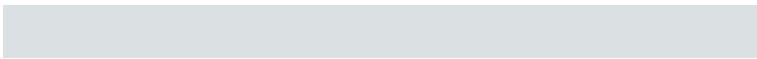
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4924, 0.3079, 0.3301



98.0314, 0.3072, 0.3303



73.9644, 0.3073, 0.3258



16.6715, 0.3062, 0.3305



34.4162, 0.2361, 0.3701



2.5523, 0.2343, 0.3634

Inverse Universe

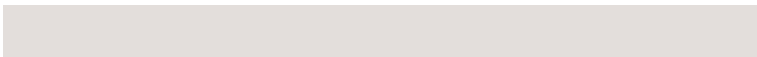
The Inverse Universe completely reimagines the original color for something new.



72.1810, 0.3177, 0.3279



93.1055, 0.3185, 0.3277



73.6648, 0.3182, 0.3322



15.6884, 0.3196, 0.3275



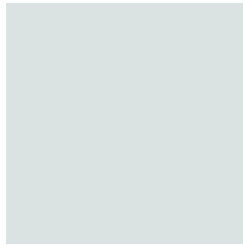
9.5870, 0.6229, 0.3205



0.7183, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 75.4892, 0.3079, 0.3301 looks on a white background.

Color Contrast Check

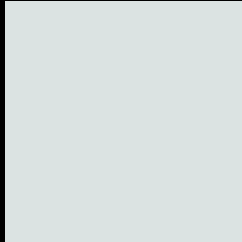
Large Text (above 18pt) WCAG AA × Fail

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 75.4892, 0.3079, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

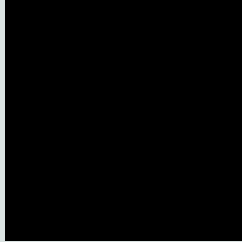
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

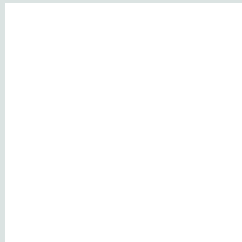
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4892, 0.3079, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 75.4892, 0.3079, 0.3301.

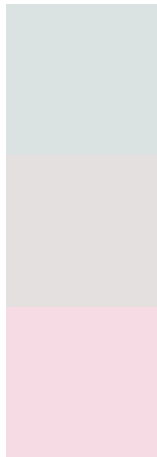


This preview shows how white text looks on a background with the Yxy color 75.4892, 0.3079, 0.3301.

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



Original Color

75.4892, 0.3079, 0.3301

Protanopia

75.3511, 0.3162, 0.3290

Deuteranopia

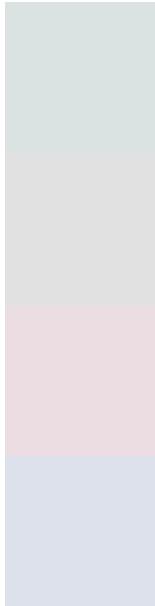
75.3371, 0.3262, 0.3188



Tritanopia

75.2517, 0.2999, 0.3100

Trichromacy



Original Color

75.4892, 0.3079, 0.3301

Protanomaly

75.2942, 0.3127, 0.3290

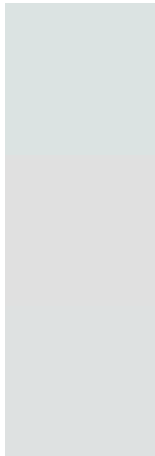
Deuteranomaly

75.0918, 0.3194, 0.3228

Tritanomaly

75.2787, 0.3030, 0.3173

Monochromacy



Original Color

75.4892, 0.3079, 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 75.4892, 0.3079, 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(219, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.4892, 0.3079, 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(219, 227, 226) }
```

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

```
.border{ border-color:rgb(219, 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(219, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 227,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4892, 0.3079, 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(219, 227, 226) }
```

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

```
.background{ background-color: rgb(219,  
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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