

Converting Colors

$Yxy(78.4832, 0.3019, 0.3270)$

Have a look what the booklet for
Yxy(78.4832, 0.3019, 0.3270)
contains.

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Color

Yxy(78.5592, 0.3021, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DAE8EA
RGB	218, 232, 234
RGB Percent	85%, 91%, 92%
CMY	0.1452, 0.0902, 0.0822
CMYK	0.07, 0.01, 0.00, 0.08
HSL	188°, 28%, 89%
HSV	188°, 7%, 92%
XYZ	72.6216, 78.5592, 89.2084
YIQ	228.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

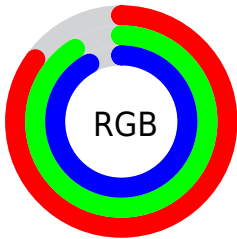
Format	Color
R _Y B	218, 225, 234
Decimal	14346474
CIE Lab	91.03, -4.25, -2.60
CIE LCh	91, 4.987, 211.461
Yxy	78.5592, 0.3021, 0.3268
Android (android.graphics.Color)	4292536554 (0xFFDAE8EA)
YUV	228.0420, 2.9373, -8.8068
Hunter-Lab	88.6336, -8.8556, 2.3690

Details

The Yxy color **78.5592, 0.3021, 0.3268** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7562, 0.3242, 0.3312**, and the grayscale version is **77.6000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0516, 0.2999, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **73.5497, 0.2870, 0.3233**, and if you desaturate by 10%, it is **84.1130, 0.3176, 0.3300**.

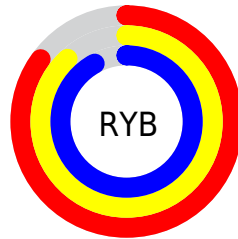
Distribution



Red (85%)

Green (91%)

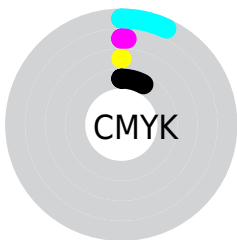
Blue (92%)



Red (85%)

Yellow (88%)

Blue (92%)

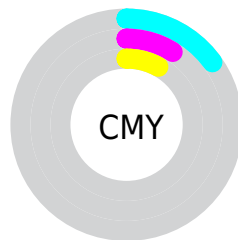


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5592, 0.3021, 0.3268 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 78.5592, 0.3021, 0.3268 by changing the saturation by 10% instead.

■ 78.5592, 0.3021,
0.3268

■ 78.5592, 0.3021,
0.3268

490.0639, 0.3069,
0.3278

■ 58.5335, 0.3010,
0.3266

131.3381, 0.3038,
0.3272

■ 42.2377, 0.2997,
0.3263

164.8601, 0.3044,
0.3273

■ 29.2874, 0.2980,
0.3259

203.6496, 0.3050,
0.3274

■ 19.2984, 0.2958,
0.3254

248.0910, 0.3055,
0.3275

■ 11.8861, 0.2929,
0.3247

298.5688, 0.3059,
0.3276

■ 6.6661, 0.2887,
0.3237

355.4672, 0.3063,

■ 3.2542, 0.2824,

0.3277

0.3222

419.1708, 0.3066,
0.3278

■ 1.2658, 0.2715,
0.3193

■ 0.1145, 0.0117,
0.2687

■ 78.5592, 0.3021,
0.3268

■ 78.5592, 0.3021,
0.3268

■ 73.5497, 0.2870,
0.3233

■ 84.1130, 0.3176,
0.3300

■ 69.0531, 0.2726,
0.3196

■ 88.3169, 0.3266,
0.3329

■ 65.0499, 0.2593,
0.3156

■ 90.0580, 0.3263,
0.3358

■ 61.5155, 0.2473,
0.3114

■ 91.8277, 0.3260,
0.3386

■ 58.4229, 0.2369,
0.3070

■ 93.6262, 0.3257,
0.3415

■ 55.7422, 0.2283,
0.3026

■ 95.4535, 0.3255,
0.3443

■ 53.4398, 0.2217,
0.2981

■ 97.3098, 0.3252,
0.3471

■ 51.4761, 0.2170,
0.2936

■ 98.7229, 0.3250,
0.3493

■ 49.8005, 0.2140,
0.2892

Harmonies

Analogous

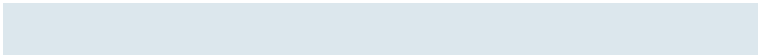
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5592, 0.3055, 0.3321



78.5592, 0.3021, 0.3268



78.5592, 0.3015, 0.3222

Triad

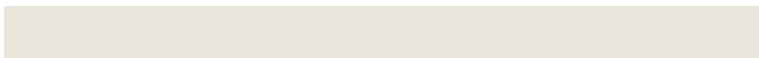
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5592, 0.3021, 0.3268



78.5592, 0.3145, 0.3216



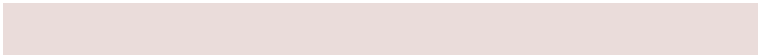
78.5592, 0.3216, 0.3387

Complementary

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



78.5592, 0.3021, 0.3268



73.7562, 0.3242, 0.3312

Split Complementary

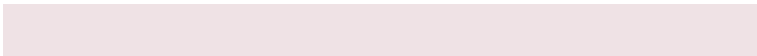
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5592, 0.3241, 0.3358



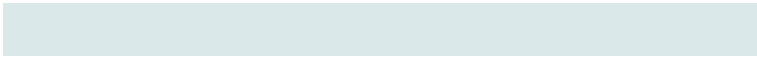
78.5592, 0.3021, 0.3268



78.5592, 0.3199, 0.3259

Square

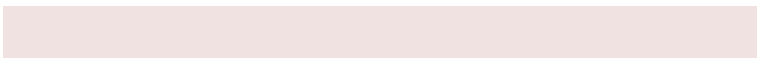
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5592, 0.3021, 0.3268



78.5592, 0.3086, 0.3192



78.5592, 0.3235, 0.3311



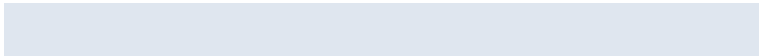
78.5592, 0.3168, 0.3390

Rectangle

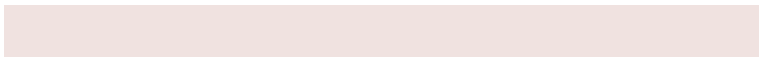
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



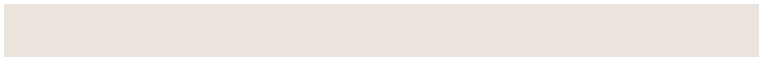
78.5592, 0.3021, 0.3268



78.5592, 0.3027, 0.3201



78.5592, 0.3235, 0.3311



78.5592, 0.3228, 0.3380

Sweetspot

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



78.5625, 0.3021, 0.3268



98.6338, 0.3096, 0.3284



78.9320, 0.3107, 0.3443



21.1260, 0.3097, 0.3284



0.0000, 0.0000, 0.0000



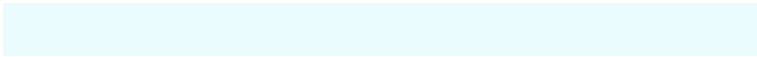
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5625, 0.3021, 0.3268



94.6955, 0.3003, 0.3264



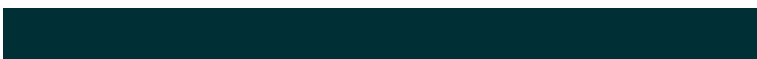
74.2313, 0.3022, 0.3183



16.7771, 0.2981, 0.3259



27.8267, 0.2135, 0.2885



2.2762, 0.2152, 0.2946

Inverse Universe

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



73.4595, 0.3149, 0.3143



87.5024, 0.3152, 0.3118



77.9846, 0.3234, 0.3394



15.2790, 0.3157, 0.3087



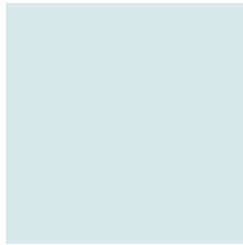
12.3019, 0.3557, 0.1733



0.9752, 0.3502, 0.1703

Previews

White Background



This preview shows how the Yxy color 78.5592, 0.3021, 0.3268 looks on a white background.

Color Contrast Check

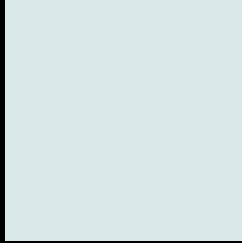
Large Text (above 18pt) WCAG AA × Fail

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 78.5592, 0.3021, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

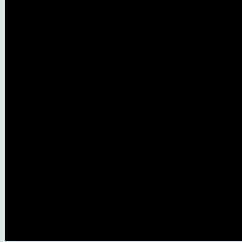
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

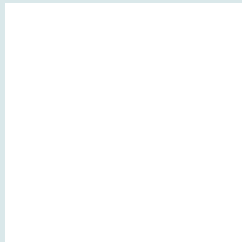
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5592, 0.3021, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 78.5592, 0.3021, 0.3268.

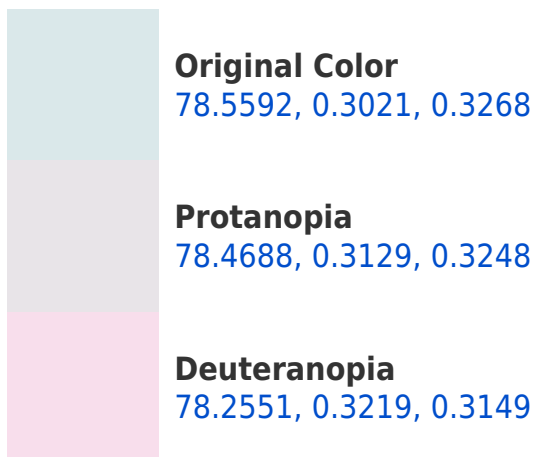


This preview shows how white text looks on a background with the Yxy color 78.5592, 0.3021, 0.3268.

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

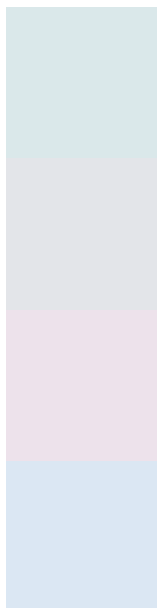




Tritanopia

78.5866, 0.2950, 0.3102

Trichromacy



Original Color

78.5592, 0.3021, 0.3268

Protanomaly

78.2527, 0.3088, 0.3248

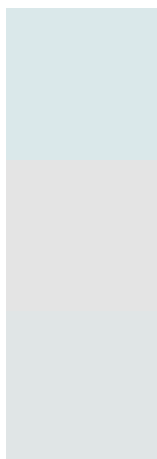
Deuteranomaly

78.3954, 0.3145, 0.3198

Tritanomaly

78.6830, 0.2974, 0.3163

Monochromacy



Original Color

78.5592, 0.3021, 0.3268

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5991, 0.3087, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5592, 0.3021, 0.3268 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, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(218, 232, 234)  
}
```

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, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 232, 234) }
```

Border

The CSS property to change the border of an element to Yxy 78.5592, 0.3021, 0.3268 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, 232, 234) }
```

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

```
.border{ border-color:rgb(218, 232, 234) }
```

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

Here you see how a box with a 4 pixel rgb(218, 232, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 232,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5592, 0.3021, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 232, 234) }
```

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

```
.background{ background-color: rgb(218,  
232, 234) }
```

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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