

Converting Colors

$Yxy(77.2841, 0.2987, 0.3278)$

Have a look what the booklet for
Yxy(77.2841, 0.2987, 0.3278)
contains.

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Color

Yxy(77.5935, 0.2988, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D4E8E9
RGB	212, 232, 233
RGB Percent	83%, 91%, 91%
CMY	0.1688, 0.0901, 0.0863
CMYK	0.09, 0.00, 0.00, 0.09
HSL	183°, 32%, 87%
HSV	183°, 9%, 91%
XYZ	70.7073, 77.5935, 88.3369
YIQ	226.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

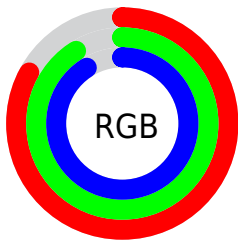
Format	Color
R _Y B	212, 222, 233
Decimal	13953257
CIE Lab	90.59, -6.41, -2.75
CIE LCh	91, 6.974, 203.232
Yxy	77.5935, 0.2988, 0.3279
Android (android.graphics.Color)	4292143337 (0xFFD4E8E9)
YUV	226.1340, 3.3849, -12.3955
Hunter-Lab	88.0872, -10.8711, 2.2030

Details

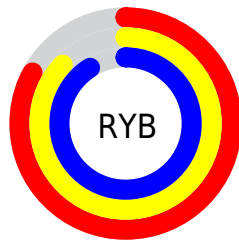
The Yxy color `77.5935, 0.2988, 0.3279` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `69.6354, 0.3283, 0.3301`, and the grayscale version is `76.1347, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.3931, 0.2957, 0.3275` is the 20% darker color. If you saturate the color by 10%, you get `73.7714, 0.2841, 0.3266`, and if you desaturate by 10%, it is `81.9255, 0.3142, 0.3291`.

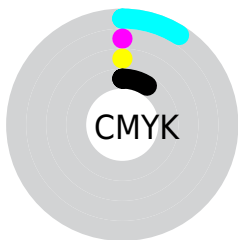
Distribution



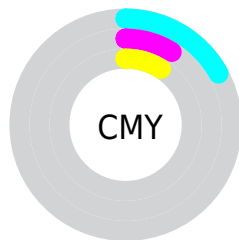
- Red (83%)
- Green (91%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.5935, 0.2988, 0.3279 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 77.5935, 0.2988, 0.3279 by changing the saturation by 10% instead.

■ 77.5935, 0.2988,
0.3279

■ 77.5935, 0.2988,
0.3279

486.7852, 0.3052,
0.3284

■ 57.7401, 0.2974,
0.3278

129.9769, 0.3010,
0.3281

■ 41.5997, 0.2956,
0.3276

163.2758, 0.3018,
0.3282

■ 28.7880, 0.2934,
0.3274

201.8252, 0.3026,
0.3282

■ 18.9205, 0.2905,
0.3271

246.0096, 0.3032,
0.3283

■ 11.6129, 0.2867,
0.3267

296.2134, 0.3038,
0.3283

■ 6.4806, 0.2812,
0.3261

352.8210, 0.3043,

■ 3.1395, 0.2728,

0.3284

0.3250

416.2168, 0.3047,
0.3284

■ 1.2050, 0.2583,
0.3229

■ 0.0658, 0.0000,
0.1995

■ 77.5935, 0.2988,
0.3279

■ 77.5935, 0.2988,
0.3279

■ 73.7714, 0.2841,
0.3266

■ 81.9255, 0.3142,
0.3291

■ 70.4282, 0.2704,
0.3252


■ 86.0954, 0.3276,
0.3302

■ 67.5442, 0.2580,
0.3237

■ 86.7164, 0.3275,
0.3313


■ 65.0948, 0.2471,
0.3222

■ 87.3411, 0.3274,
0.3323

 63.0528, 0.2381,
0.3206

 87.9696, 0.3273,
0.3334


 61.3882, 0.2310,
0.3190


 88.6019, 0.3272,
0.3345


 60.0667, 0.2258,
0.3174

 89.2381, 0.3271,
0.3355

 59.0477, 0.2225,
0.3159

 89.8780, 0.3270,
0.3366

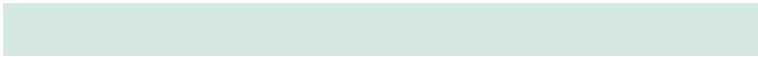
 58.2688, 0.2208,
0.3143

 90.5218, 0.3269,
0.3376

Harmonies

Analogous

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



77.5935, 0.3045, 0.3353



77.5935, 0.2988, 0.3279



77.5935, 0.2968, 0.3209

Triad

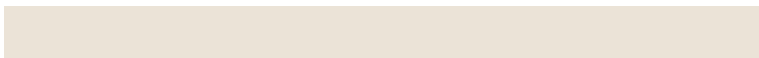
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5935, 0.2988, 0.3279



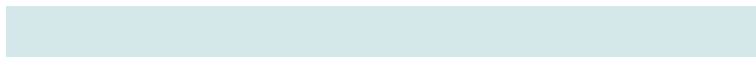
77.5935, 0.3128, 0.3174



77.5935, 0.3266, 0.3418

Complementary

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



77.5935, 0.2988, 0.3279



69.6354, 0.3283, 0.3301

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.



77.5935, 0.3289, 0.3368



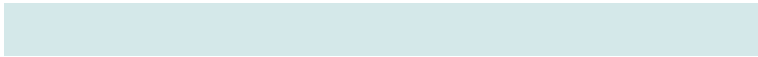
77.5935, 0.2988, 0.3279



77.5935, 0.3209, 0.3228

Square

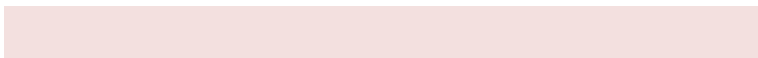
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5935, 0.2988, 0.3279



77.5935, 0.3048, 0.3150



77.5935, 0.3268, 0.3299



77.5935, 0.3205, 0.3434

Rectangle

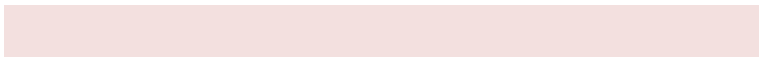
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5935, 0.2988, 0.3279



77.5935, 0.2978, 0.3175



77.5935, 0.3268, 0.3299



77.5935, 0.3278, 0.3404

Sweetspot

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



77.5968, 0.2988, 0.3279



98.3506, 0.3080, 0.3286



77.0544, 0.3112, 0.3514



20.9588, 0.3068, 0.3285



0.0000, 0.0000, 0.0000



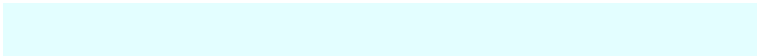
21.4041, 0.3127, 0.3290

Same Dimension

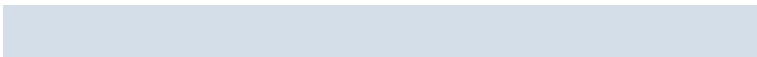
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5968, 0.2988, 0.3279



94.2314, 0.2957, 0.3276



72.0001, 0.2988, 0.3167



16.9945, 0.2981, 0.3278



33.0766, 0.2207, 0.3144



2.6345, 0.2213, 0.3166

Inverse Universe

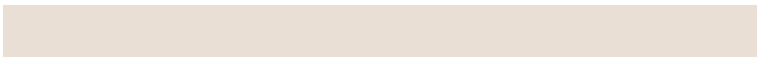
The Inverse Universe completely reimagines the original color for something new.



70.2193, 0.3144, 0.3079



83.3069, 0.3148, 0.3031



74.9469, 0.3272, 0.3410



15.3009, 0.3145, 0.3069



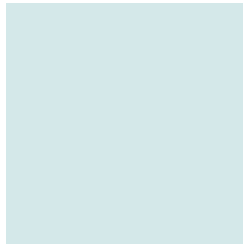
12.8319, 0.3329, 0.1608



1.0114, 0.3311, 0.1598

Previews

White Background



This preview shows how the Yxy color 77.5935, 0.2988, 0.3279 looks on a white background.

Color Contrast Check

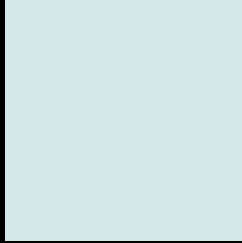
Large Text (above 18pt) WCAG AA × Fail

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 77.5935, 0.2988, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

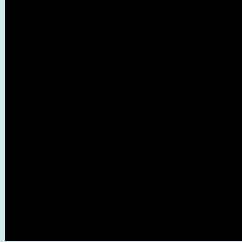
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

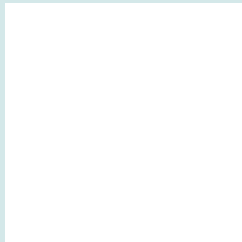
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.5935, 0.2988, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 77.5935, 0.2988, 0.3279.



This preview shows how white text looks on a background with the Yxy color 77.5935, 0.2988, 0.3279.

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

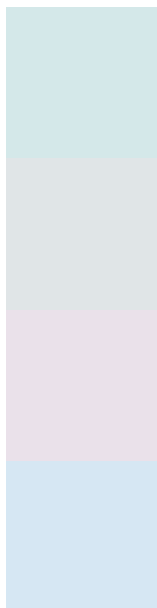




Tritanopia

77.8180, 0.2918, 0.3100

Trichromacy



Original Color

77.5935, 0.2988, 0.3279

Protanomaly

77.6554, 0.3080, 0.3269

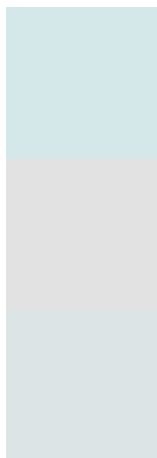
Deuteranomaly

77.2834, 0.3132, 0.3197

Tritanomaly

77.9190, 0.2942, 0.3162

Monochromacy



Original Color

77.5935, 0.2988, 0.3279

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.5161, 0.3073, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5935, 0.2988, 0.3279 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(212, 232, 233)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 233)  
}
```

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(212, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 233) }
```

Border

The CSS property to change the border of an element to Yxy 77.5935, 0.2988, 0.3279 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(212, 232, 233) }
```

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

```
.border{ border-color:rgb(212, 232, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
233) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.5935, 0.2988, 0.3279$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 233) }
```

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

```
.background{ background-color: rgb(212,  
232, 233) }
```

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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