

Converting Colors

$Yxy(77.1671, 0.3033, 0.3283)$

Have a look what the booklet for
Yxy(77.1671, 0.3033, 0.3283)
contains.

Yxy(77.1149, 0.3033, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(77.1149, 0.3033, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D9E6E7
RGB	217, 230, 231
RGB Percent	85%, 90%, 91%
CMY	0.1491, 0.0980, 0.0941
CMYK	0.06, 0.00, 0.00, 0.09
HSL	184°, 23%, 88%
HSV	184°, 6%, 91%
XYZ	71.3295, 77.1149, 86.7337
YIQ	226.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

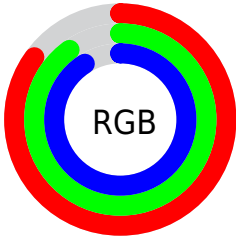
Format	Color
RYB	217, 224, 231
Decimal	14280423
CIELab	90.37, -4.14, -1.99
CIElCh	90, 4.592, 205.738
Yxy	77.1149, 0.3033, 0.3279
Android (android.graphics.Color)	4292470503 (0xFFD9E6E7)
YUV	226.2270, 2.3531, -8.0921
Hunter-Lab	87.8151, -8.6863, 2.9107

Details

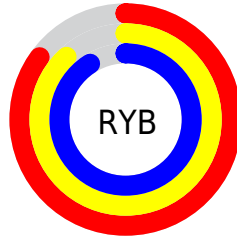
The Yxy color **77.1149, 0.3033, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1238, 0.3229, 0.3301**, and the grayscale version is **76.2120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4365, 0.3014, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **72.9139, 0.2883, 0.3260**, and if you desaturate by 10%, it is **81.8266, 0.3189, 0.3297**.

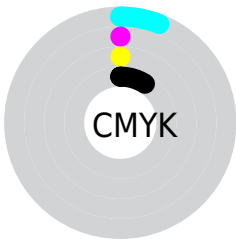
Distribution



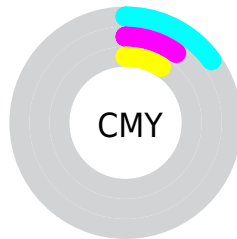
- Red (85%)
- Green (90%)
- Blue (91%)



- Red (85%)
- Yellow (88%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.1149, 0.3033, 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 77.1149, 0.3033, 0.3279 by changing the saturation by 10% instead.

■ 77.1149, 0.3033,
0.3279

■ 77.1149, 0.3033,
0.3279

485.1557, 0.3076,
0.3284

■ 57.3472, 0.3023,
0.3278

129.3017, 0.3048,
0.3281

■ 41.2840, 0.3011,
0.3276

162.4895, 0.3054,
0.3282

■ 28.5411, 0.2996,
0.3274

200.9195, 0.3059,
0.3282

■ 18.7339, 0.2977,
0.3272

244.9760, 0.3063,
0.3283

■ 11.4782, 0.2950,
0.3268

295.0435, 0.3067,
0.3283

■ 6.3894, 0.2912,
0.3263

351.5064, 0.3070,

■ 3.0833, 0.2854,

0.3284

0.3254

414.7490, 0.3073,
0.3284

■ 1.1754, 0.2753,
0.3237

■ 0.0415, 0.0000,
0.1834

■ 77.1149, 0.3033,
0.3279

■ 77.1149, 0.3033,
0.3279

■ 72.9139, 0.2883,
0.3260

■ 81.8266, 0.3189,
0.3297

■ 69.1931, 0.2741,
0.3239

■ 85.4757, 0.3290,
0.3313

■ 65.9340, 0.2611,
0.3217

■ 86.4108, 0.3289,
0.3329

■ 63.1130, 0.2496,
0.3193

■ 87.3545, 0.3287,
0.3345

60.7042, 0.2397,
0.3170

88.3070, 0.3285,
0.3361

58.6792, 0.2317,
0.3145

89.2682, 0.3283,
0.3377

57.0057, 0.2257,
0.3121

90.2381, 0.3282,
0.3393

55.6460, 0.2215,
0.3096

91.2168, 0.3280,
0.3409

54.5536, 0.2191,
0.3073

92.2042, 0.3278,
0.3425

Harmonies

Analogous

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



77.1149, 0.3069, 0.3328



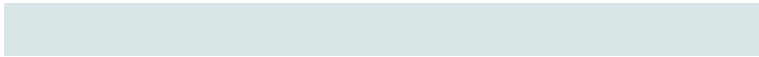
77.1149, 0.3033, 0.3279



77.1149, 0.3022, 0.3234

Triad

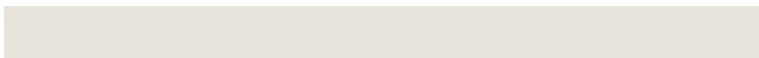
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1149, 0.3033, 0.3279



77.1149, 0.3133, 0.3216



77.1149, 0.3216, 0.3376

Complementary

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



77.1149, 0.3033, 0.3279



72.1238, 0.3229, 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.



77.1149, 0.3234, 0.3345



77.1149, 0.3033, 0.3279



77.1149, 0.3185, 0.3253

Square

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



77.1149, 0.3033, 0.3279



77.1149, 0.3079, 0.3198



77.1149, 0.3222, 0.3300



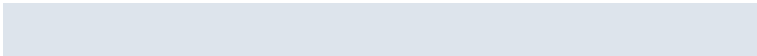
77.1149, 0.3175, 0.3384

Rectangle

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



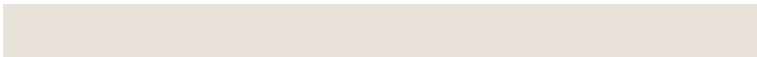
77.1149, 0.3033, 0.3279



77.1149, 0.3030, 0.3212



77.1149, 0.3222, 0.3300



77.1149, 0.3225, 0.3368

Sweetspot

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



77.1182, 0.3033, 0.3279



98.8146, 0.3096, 0.3286



76.9619, 0.3114, 0.3432



21.1628, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

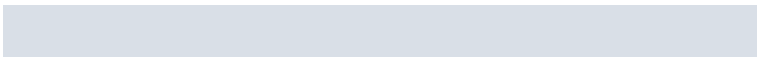
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1182, 0.3033, 0.3279



95.9639, 0.3018, 0.3277



73.3208, 0.3034, 0.3204



16.3267, 0.3010, 0.3276



30.4412, 0.2185, 0.3067



2.3023, 0.2195, 0.3102

Inverse Universe

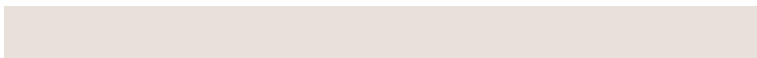
The Inverse Universe completely reimagines the original color for something new.



72.3139, 0.3141, 0.3152



89.0539, 0.3143, 0.3130



75.8092, 0.3222, 0.3375



15.0647, 0.3144, 0.3118



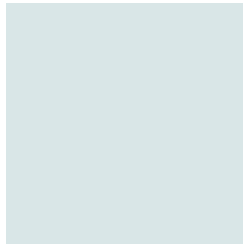
12.2708, 0.3395, 0.1644



0.9121, 0.3365, 0.1628

Previews

White Background



This preview shows how the Yxy color 77.1149, 0.3033, 0.3279 looks on a white background.

Color Contrast Check

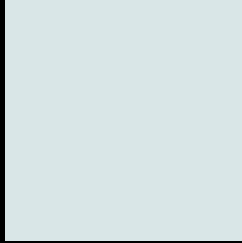
Large Text (above 18pt) WCAG AA × Fail

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 77.1149, 0.3033, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

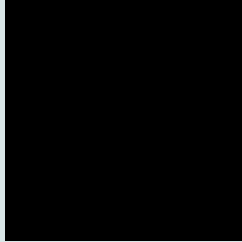
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

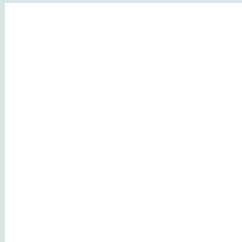
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.1149, 0.3033, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 77.1149, 0.3033, 0.3279.

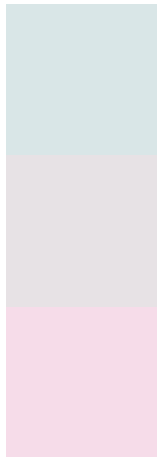


This preview shows how white text looks on a background with the Yxy color 77.1149, 0.3033, 0.3279.

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



Original Color

77.1149, 0.3033, 0.3279

Protanopia

77.0388, 0.3143, 0.3259

Deuteranopia

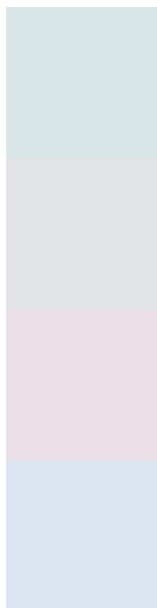
76.6624, 0.3226, 0.3158



Tritanopia

77.2007, 0.2955, 0.3100

Trichromacy



Original Color

77.1149, 0.3033, 0.3279

Protanomaly

76.8201, 0.3101, 0.3258

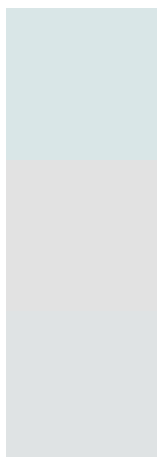
Deuteranomaly

76.7997, 0.3152, 0.3207

Tritanomaly

77.2949, 0.2979, 0.3163

Monochromacy



Original Color

77.1149, 0.3033, 0.3279

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2276, 0.3093, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1149, 0.3033, 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(217, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(217, 230, 231)  
}
```

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(217, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 231) }
```

Border

The CSS property to change the border of an element to Yxy 77.1149, 0.3033, 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(217, 230, 231) }
```

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

```
.border{ border-color:rgb(217, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1149, 0.3033, 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(217, 230, 231) }
```

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

```
.background{ background-color: rgb(217,  
230, 231) }
```

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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