

Converting Colors

$Yxy(77.1517, 0.2969, 0.3279)$

Have a look what the booklet for
Yxy(77.1517, 0.2969, 0.3279)
contains.

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Color

Yxy(77.1517, 0.2969, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D1E8E9
RGB	209, 232, 233
RGB Percent	82%, 91%, 91%
CMY	0.1804, 0.0902, 0.0864
CMYK	0.10, 0.00, 0.00, 0.09
HSL	182°, 35%, 87%
HSV	182°, 10%, 91%
XYZ	69.8577, 77.1517, 88.2809
YIQ	225.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

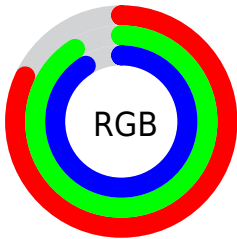
Format	Color
R _Y B	209, 221, 233
Decimal	13756649
CIE Lab	90.39, -7.36, -3.06
CIE LCh	90, 7.968, 202.592
Yxy	77.1517, 0.2969, 0.3279
Android (android.graphics.Color)	4291946729 (0xFFD1E8E9)
YUV	225.2370, 3.8272, -14.2398
Hunter-Lab	87.8360, -11.7486, 1.8949

Details

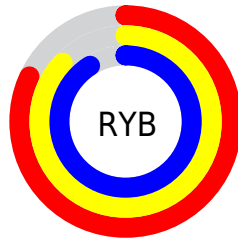
The Yxy color **77.1517, 0.2969, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0064, 0.3308, 0.3301**, and the grayscale version is **75.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0950, 0.2932, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **73.4720, 0.2823, 0.3267**, and if you desaturate by 10%, it is **81.3376, 0.3123, 0.3290**.

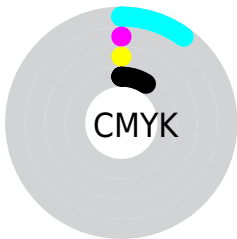
Distribution



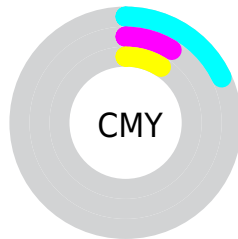
- Red (82%)
- Green (91%)
- Blue (91%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.1517, 0.2969, 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 77.1517, 0.2969, 0.3279 by changing the saturation by 10% instead.

■ 77.1517, 0.2969,
0.3279

■ 77.1517, 0.2969,
0.3279

485.2811, 0.3041,
0.3285

■ 57.3774, 0.2953,
0.3278

129.3536, 0.2994,
0.3281

■ 41.3083, 0.2933,
0.3276

162.5500, 0.3004,
0.3282

■ 28.5601, 0.2908,
0.3274

200.9892, 0.3012,
0.3282

■ 18.7483, 0.2875,
0.3271

245.0556, 0.3019,
0.3283

■ 11.4885, 0.2831,
0.3266

295.1336, 0.3026,
0.3283

■ 6.3964, 0.2768,
0.3259

351.6075, 0.3031,

■ 3.0876, 0.2673,

0.3284

0.3248

414.8619, 0.3037,
0.3284

■ 1.1776, 0.2508,
0.3224

■ 0.0433, 0.0000,
0.1423

■ 77.1517, 0.2969,
0.3279

■ 77.1517, 0.2969,
0.3279

■ 73.4720, 0.2823,
0.3267

■ 81.3376, 0.3123,
0.3290

■ 70.2674, 0.2688,
0.3255


■ 85.9253, 0.3277,
0.3299

■ 67.5180, 0.2566,
0.3242

■ 86.4631, 0.3276,
0.3309

■ 65.1989, 0.2461,
0.3229


■ 87.0037, 0.3275,
0.3318


 63.2826, 0.2374,
0.3215


 87.5473, 0.3274,
0.3327


 61.7386, 0.2306,
0.3201


 88.0937, 0.3273,
0.3336


 60.5321, 0.2257,
0.3188

 88.6429, 0.3272,
0.3346

 59.6213, 0.2227,
0.3174

 89.1951, 0.3271,
0.3355

 58.9513, 0.2212,
0.3161

 89.7501, 0.3270,
0.3364

Harmonies

Analogous

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



77.1517, 0.3035, 0.3364



77.1517, 0.2969, 0.3279



77.1517, 0.2945, 0.3199

Triad

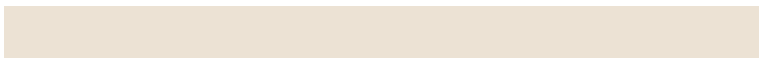
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1517, 0.2969, 0.3279



77.1517, 0.3126, 0.3157



77.1517, 0.3287, 0.3435

Complementary

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



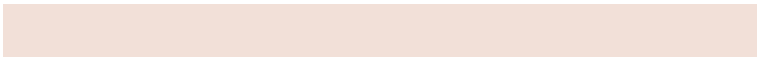
77.1517, 0.2969, 0.3279



68.0064, 0.3308, 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.



77.1517, 0.3313, 0.3377



77.1517, 0.2969, 0.3279



77.1517, 0.3219, 0.3218

Square

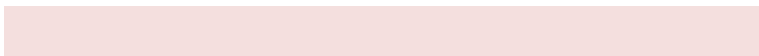
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1517, 0.2969, 0.3279



77.1517, 0.3035, 0.3130



77.1517, 0.3288, 0.3298



77.1517, 0.3218, 0.3455

Rectangle

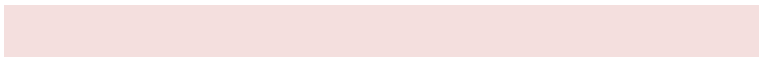
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



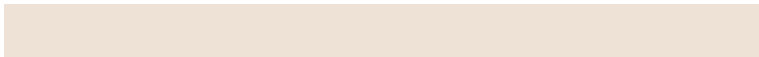
77.1517, 0.2969, 0.3279



77.1517, 0.2956, 0.3159



77.1517, 0.3288, 0.3298



77.1517, 0.3301, 0.3420

Sweetspot

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



77.1549, 0.2969, 0.3279



98.3805, 0.3080, 0.3287



76.4642, 0.3110, 0.3547



20.9669, 0.3068, 0.3286



0.0000, 0.0000, 0.0000



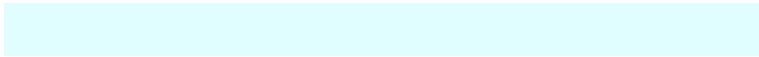
21.4041, 0.3127, 0.3290

Same Dimension

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



77.1549, 0.2969, 0.3279



93.8639, 0.2942, 0.3277



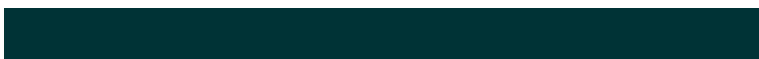
70.7266, 0.2968, 0.3149



17.0113, 0.2981, 0.3280



33.5043, 0.2212, 0.3164



2.6634, 0.2217, 0.3182

Inverse Universe

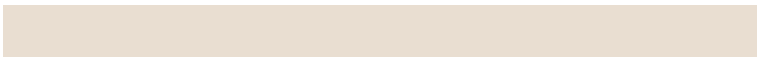
The Inverse Universe completely reimagines the original color for something new.



68.7517, 0.3146, 0.3048



81.9271, 0.3149, 0.3005



74.0552, 0.3294, 0.3427



15.3026, 0.3144, 0.3067



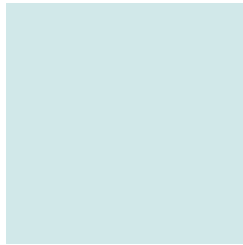
12.8751, 0.3313, 0.1599



1.0143, 0.3297, 0.1590

Previews

White Background



This preview shows how the Yxy color 77.1517, 0.2969, 0.3279 looks on a white background.

Color Contrast Check

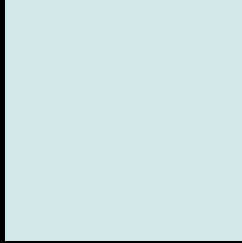
Large Text (above 18pt) WCAG AA × Fail

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 77.1517, 0.2969, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

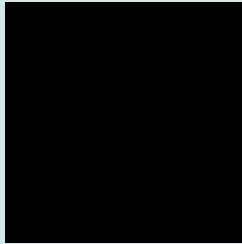
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

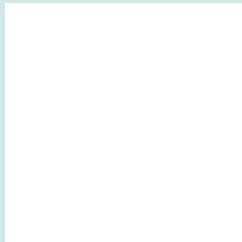
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.1517, 0.2969, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 77.1517, 0.2969, 0.3279.

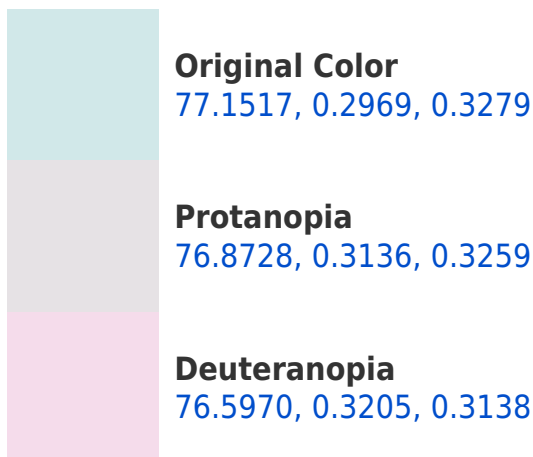


This preview shows how white text looks on a background with the Yxy color 77.1517, 0.2969, 0.3279.

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

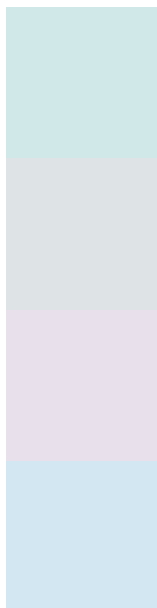




Tritanopia

77.3680, 0.2899, 0.3099

Trichromacy



Original Color

77.1517, 0.2969, 0.3279

Protanomaly

76.7296, 0.3073, 0.3269

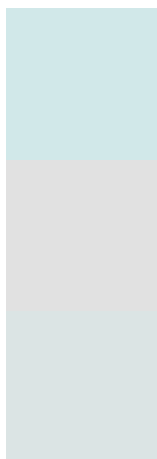
Deuteranomaly

76.4076, 0.3118, 0.3186

Tritanomaly

77.4718, 0.2922, 0.3161

Monochromacy



Original Color

77.1517, 0.2969, 0.3279

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.1483, 0.3066, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1517, 0.2969, 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(209, 232, 233)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 232, 233) }
```

Border

The CSS property to change the border of an element to Yxy 77.1517, 0.2969, 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(209, 232, 233) }
```

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

```
.border{ border-color:rgb(209, 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(209, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(209, 232,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1517, 0.2969, 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(209, 232, 233) }
```

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

```
.background{ background-color: rgb(209,  
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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