

Converting Colors

$Yxy(77.4335, 0.2935, 0.3183)$

Have a look what the booklet for
Yxy(77.4335, 0.2935, 0.3183)
contains.

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Color

Yxy(77.3516, 0.2934, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	D3E7F1
RGB	211, 231, 241
RGB Percent	83%, 91%, 95%
CMY	0.1725, 0.0941, 0.0548
CMYK	0.12, 0.04, 0.00, 0.05
HSL	200°, 52%, 89%
HSV	200°, 12%, 95%
XYZ	71.3229, 77.3516, 94.4166
YIQ	226.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

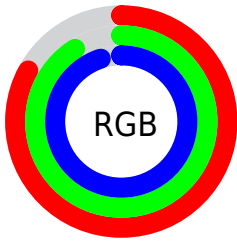
Format	Color
R _Y B	211, 223, 241
Decimal	13887473
CIE Lab	90.48, -4.62, -7.13
CIE LCh	90, 8.493, 237.051
Yxy	77.3516, 0.2934, 0.3182
Android (android.graphics.Color)	4292077553 (0xFFD3E7F1)
YUV	226.1600, 7.3161, -13.2953
Hunter-Lab	87.9498, -9.1573, -2.0847

Details

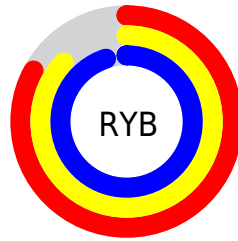
The Yxy color **77.3516, 0.2934, 0.3182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1483, 0.3340, 0.3396**, and the grayscale version is **76.1336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2306, 0.2888, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **69.6506, 0.2778, 0.3085**, and if you desaturate by 10%, it is **85.8004, 0.3089, 0.3270**.

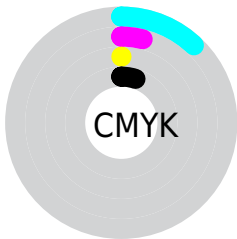
Distribution



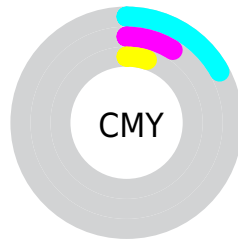
- Red (83%)
- Green (91%)
- Blue (95%)



- Red (83%)
- Yellow (87%)
- Blue (95%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3516, 0.2934, 0.3182 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 77.3516, 0.2934, 0.3182 by changing the saturation by 10% instead.

■ 77.3516, 0.2934,
0.3182

■ 77.3516, 0.2934,
0.3182

485.9620, 0.3022,
0.3232

■ 57.5415, 0.2914,
0.3171

129.6357, 0.2964,
0.3199

■ 41.4401, 0.2890,
0.3156

162.8784, 0.2976,
0.3206

■ 28.6632, 0.2859,
0.3139

201.3675, 0.2986,
0.3212

■ 18.8262, 0.2820,
0.3115

245.4874, 0.2995,
0.3217

■ 11.5447, 0.2767,
0.3083

295.6224, 0.3003,
0.3221

■ 6.4345, 0.2692,
0.3038

352.1568, 0.3010,

■ 3.1110, 0.2578,

0.3225

0.2966

415.4753, 0.3016,
0.3229

■ 1.1900, 0.2384,
0.2839

■ 0.0535, 0.0000,
0.0877

■ 77.3516, 0.2934,
0.3182

■ 77.3516, 0.2934,
0.3182

■ 69.6506, 0.2778,
0.3085

■ 85.8004, 0.3089,
0.3270

■ 62.6614, 0.2626,
0.2979

■ 94.2036, 0.3214,
0.3349

■ 56.3588, 0.2479,
0.2866

■ 99.1330, 0.3208,
0.3424

■ 50.7124, 0.2342,
0.2745

■ 45.6888, 0.2220,
0.2619

■ 41.2508, 0.2114,
0.2491

■ 37.3561, 0.2029,
0.2361

■ 33.9541, 0.1965,
0.2233

■ 31.6566, 0.1927,
0.2138

Harmonies

Analogous

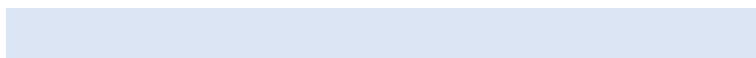
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3516, 0.2952, 0.3264



77.3516, 0.2934, 0.3182



77.3516, 0.2967, 0.3130

Triad

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



77.3516, 0.2934, 0.3182



77.3516, 0.3238, 0.3225



77.3516, 0.3210, 0.3465

Complementary

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



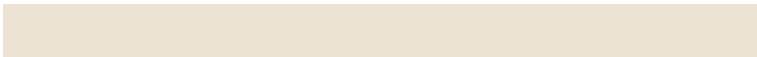
77.3516, 0.2934, 0.3182



75.1483, 0.3340, 0.3396

Split Complementary

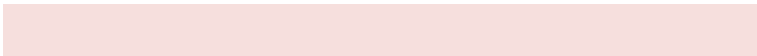
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3516, 0.3289, 0.3451



77.3516, 0.2934, 0.3182



77.3516, 0.3306, 0.3311

Square

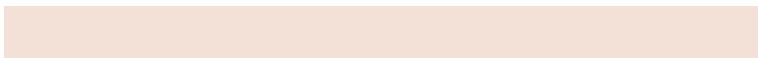
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3516, 0.2934, 0.3182



77.3516, 0.3142, 0.3156



77.3516, 0.3324, 0.3394



77.3516, 0.3110, 0.3430

Rectangle

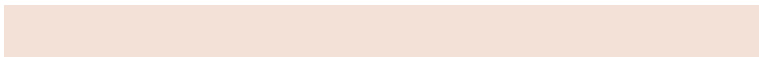
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3516, 0.2934, 0.3182



77.3516, 0.3013, 0.3119



77.3516, 0.3324, 0.3394



77.3516, 0.3240, 0.3465

Sweetspot

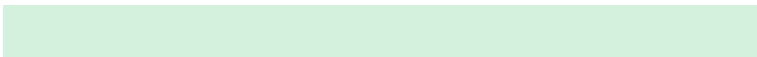
The Sweet Spot groups the original color and five complimentary colors.



77.3548, 0.2934, 0.3182



95.9604, 0.3065, 0.3257



82.0033, 0.3052, 0.3506



20.3802, 0.3054, 0.3250



0.0000, 0.0000, 0.0000



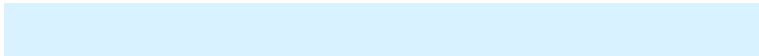
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3548, 0.2934, 0.3182



85.5655, 0.2894, 0.3158



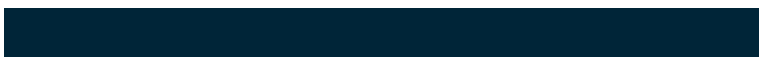
69.3228, 0.2930, 0.3018



16.9869, 0.2980, 0.3209



17.4195, 0.1933, 0.2159



1.6314, 0.1979, 0.2325

Inverse Universe

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



71.0704, 0.3211, 0.3083



77.1806, 0.3231, 0.3039



83.4194, 0.3320, 0.3548



15.9363, 0.3189, 0.3134



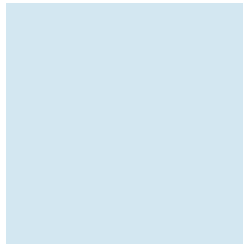
11.5519, 0.4277, 0.2130



0.9794, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 77.3516, 0.2934, 0.3182 looks on a white background.

Color Contrast Check

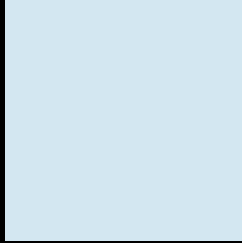
Large Text (above 18pt) WCAG AA × Fail

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 77.3516, 0.2934, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

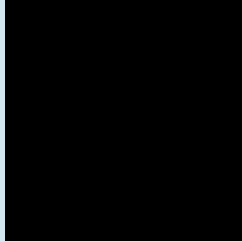
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

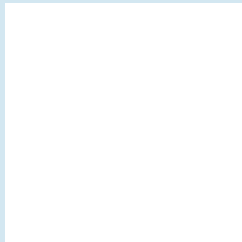
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3516, 0.2934, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 77.3516, 0.2934, 0.3182.

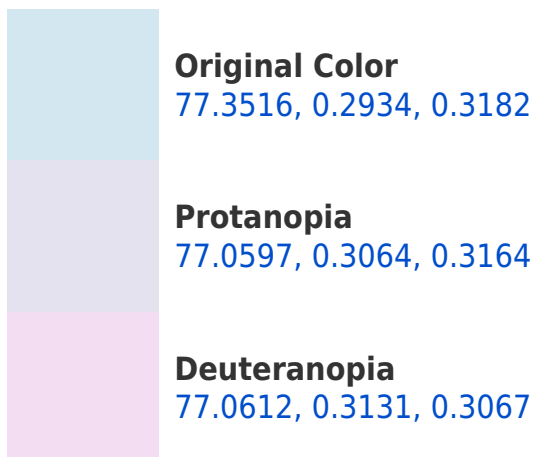


This preview shows how white text looks on a background with the Yxy color 77.3516, 0.2934, 0.3182.

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

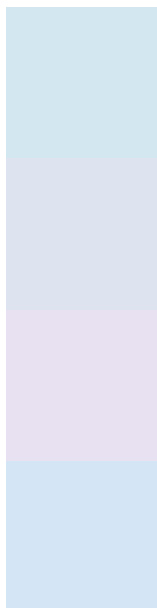




Tritanopia

77.3680, 0.2899, 0.3099

Trichromacy



Original Color

77.3516, 0.2934, 0.3182

Protanomaly

77.2484, 0.3018, 0.3174

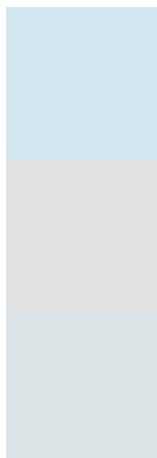
Deuteranomaly

77.2502, 0.3060, 0.3114

Tritanomaly

77.1832, 0.2917, 0.3130

Monochromacy



Original Color

77.3516, 0.2934, 0.3182

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.6285, 0.3060, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3516, 0.2934, 0.3182 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(211, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(211, 231, 241)  
}
```

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(211, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 231, 241) }
```

Border

The CSS property to change the border of an element to Yxy 77.3516, 0.2934, 0.3182 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(211, 231, 241) }
```

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

```
.border{ border-color:rgb(211, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(211, 231,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3516, 0.2934, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 231, 241) }
```

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

```
.background{ background-color: rgb(211,  
231, 241) }
```

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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