

Converting Colors

$Yxy(78.0095, 0.2938, 0.3421)$

Have a look what the booklet for
Yxy(78.0095, 0.2938, 0.3421)
contains.

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Color

Yxy(77.8749, 0.2940, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	C5EDE1
RGB	197, 237, 225
RGB Percent	77%, 93%, 88%
CMY	0.2277, 0.0705, 0.1176
CMYK	0.17, 0.00, 0.05, 0.07
HSL	162°, 53%, 85%
HSV	162°, 17%, 93%
XYZ	66.8864, 77.8749, 82.7435
YIQ	223.6720, -19.9880, -12.2120

Conversions

Conversions Part 2

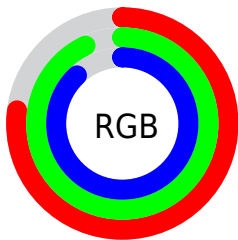
Format	Color
RYB	197, 221, 237
Decimal	12971489
CIELab	90.72, -15.28, 1.49
CIElCh	91, 15.348, 174.413
Yxy	77.8749, 0.2940, 0.3423
Android (android.graphics.Color)	4291161569 (0xFFC5EDE1)
YUV	223.6720, 0.6547, -23.3913
Hunter-Lab	88.2468, -19.1382, 6.1802

Details

The Yxy color **77.8749, 0.2940, 0.3423** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.5077, 0.3357, 0.3161**, and the grayscale version is **74.2938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **41.7897, 0.2898, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **74.5479, 0.2837, 0.3512**, and if you desaturate by 10%, it is **81.7275, 0.3049, 0.3342**.

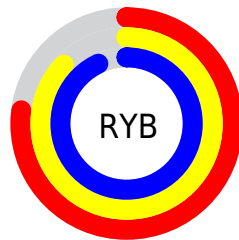
Distribution



Red (77%)

Green (93%)

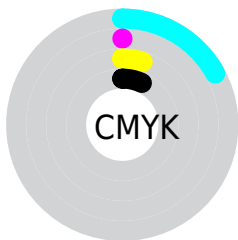
Blue (88%)



Red (77%)

Yellow (87%)

Blue (93%)

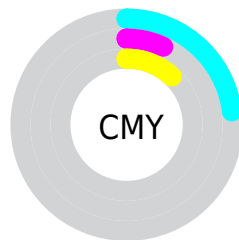


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (23%)

Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.8749, 0.2940, 0.3423 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 77.8749, 0.2940, 0.3423 by changing the saturation by 10% instead.

■ 77.8749, 0.2940,
0.3423

■ 77.8749, 0.2940,
0.3423

487.7419, 0.3026,
0.3362

■ 57.9712, 0.2921,
0.3437

130.3738, 0.2970,
0.3402

■ 41.7855, 0.2897,
0.3454

163.7377, 0.2981,
0.3394

■ 28.9334, 0.2867,
0.3476

202.3572, 0.2991,
0.3387

■ 19.0304, 0.2827,
0.3504

246.6167, 0.3000,
0.3380

■ 11.6923, 0.2775,
0.3542

296.9005, 0.3007,
0.3375

■ 6.5345, 0.2699,
0.3598


353.5930, 0.3014,


■ 3.1727, 0.2582,


0.3370


0.3684

417.0787, 0.3020,
0.3366


 1.2226, 0.2373,
0.3840


 0.0800, 0.0000,
1.0000


 77.8749, 0.2940,
0.3423


 77.8749, 0.2940,
0.3423


 74.5479, 0.2837,
0.3512

 81.7275, 0.3049,
0.3342


 71.7131, 0.2744,
0.3609


 86.1180, 0.3162,
0.3268

 69.3483, 0.2663,
0.3713


 88.5145, 0.3189,
0.3200


 67.4255, 0.2597,
0.3822


 88.9598, 0.3145,
0.3132


 65.9140, 0.2549,
0.3935

 89.0613, 0.3135,
0.3117

 64.7789, 0.2522,
0.4050

 63.9791, 0.2514,
0.4165

 63.4624, 0.2526,
0.4278

 63.3342, 0.2531,
0.4313

Harmonies

Analogous

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



77.8749, 0.3111, 0.3555



77.8749, 0.2940, 0.3423



77.8749, 0.2821, 0.3255

Triad

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



77.8749, 0.2940, 0.3423



77.8749, 0.2959, 0.2988



77.8749, 0.3486, 0.3462

Complementary

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



77.8749, 0.2940, 0.3423



62.5077, 0.3357, 0.3161

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.



77.8749, 0.3443, 0.3311



77.8749, 0.2940, 0.3423



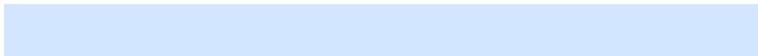
77.8749, 0.3135, 0.3044

Square

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



77.8749, 0.2940, 0.3423



77.8749, 0.2831, 0.3008



77.8749, 0.3313, 0.3161



77.8749, 0.3429, 0.3572

Rectangle

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



77.8749, 0.2940, 0.3423



77.8749, 0.2785, 0.3150



77.8749, 0.3313, 0.3161



77.8749, 0.3482, 0.3414

Sweetspot

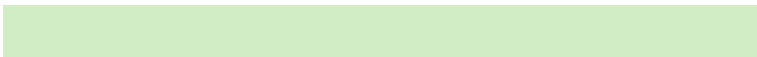
The Sweet Spot groups the original color and five complimentary colors.



77.8781, 0.2940, 0.3423



97.4179, 0.3070, 0.3327



78.1578, 0.3186, 0.3737



20.7766, 0.3063, 0.3332



0.0000, 0.0000, 0.0000



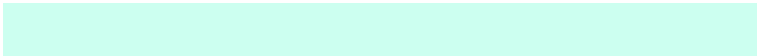
21.4041, 0.3127, 0.3290

Same Dimension

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



77.8781, 0.2940, 0.3423



90.6318, 0.2907, 0.3450



74.0163, 0.2868, 0.3201



17.0405, 0.3021, 0.3362



34.5950, 0.2526, 0.4294



2.7334, 0.2483, 0.4137

Inverse Universe

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



62.5077, 0.3357, 0.3161



69.5752, 0.3410, 0.3136



65.6725, 0.3437, 0.3378



15.1283, 0.3246, 0.3220



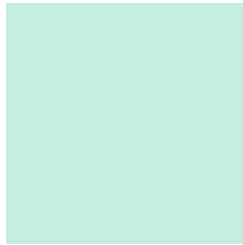
10.0986, 0.5760, 0.2947



0.8094, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 77.8749, 0.2940, 0.3423 looks on a white background.

Color Contrast Check

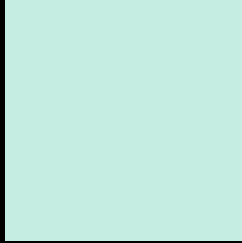
Large Text (above 18pt) WCAG AA × Fail

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 77.8749, 0.2940, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

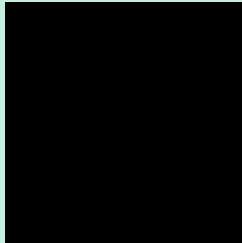
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

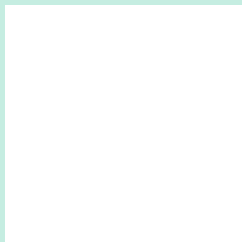
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8749, 0.2940, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 77.8749, 0.2940, 0.3423.

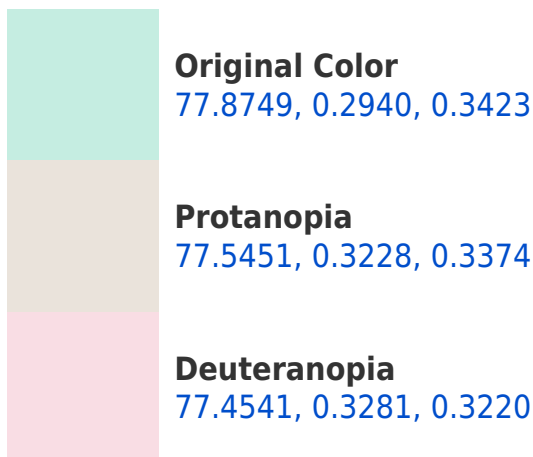


This preview shows how white text looks on a background with the Yxy color 77.8749, 0.2940, 0.3423.

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

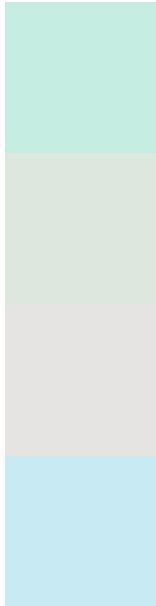




Tritanopia

77.8627, 0.2817, 0.3086

Trichromacy



Original Color

77.8749, 0.2940, 0.3423

Protanomaly

77.7444, 0.3122, 0.3397

Deuteranomaly

77.3072, 0.3148, 0.3290

Tritanomaly

77.5358, 0.2861, 0.3202

Monochromacy



Original Color

77.8749, 0.2940, 0.3423

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.7166, 0.3057, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8749, 0.2940, 0.3423 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(197, 237, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 225)  
}
```

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(197, 237, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 225) }
```

Border

The CSS property to change the border of an element to Yxy 77.8749, 0.2940, 0.3423 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(197, 237, 225) }
```

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

```
.border{ border-color:rgb(197, 237, 225) }
```

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

Here you see how a box with a 4 pixel rgb(197, 237, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 225);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8749, 0.2940, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 225) }
```

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

```
.background{ background-color: rgb(197,  
237, 225) }
```

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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