

Converting Colors

Yxy(74.9396, 0.2881, 0.3545)

Have a look what the booklet for
Yxy(74.9396, 0.2881, 0.3545)
contains.

Yxy(74.9396, 0.2881, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9396, 0.2881, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	B2EDD7
RGB	178, 237, 215
RGB Percent	70%, 93%, 84%
CMY	0.3021, 0.0705, 0.1568
CMYK	0.25, 0.00, 0.09, 0.07
HSL	158°, 62%, 81%
HSV	158°, 25%, 93%
XYZ	60.9030, 74.9396, 75.5526
YIQ	216.8510, -28.1020, -19.3500

Conversions

Conversions Part 2

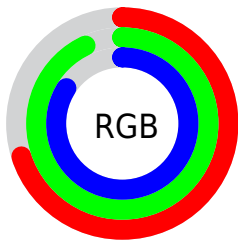
Format	Color
R _Y B	178, 214, 237
Decimal	11726295
CIE Lab	89.36, -23.10, 4.60
CIE LCh	89, 23.553, 168.736
Yxy	74.9396, 0.2881, 0.3545
Android (android.graphics.Color)	4289916375 (0xFFB2EDD7)
YUV	216.8510, -0.9125, -34.0723
Hunter-Lab	86.5677, -25.9133, 8.8515

Details

The Yxy color **74.9396, 0.2881, 0.3545** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.9972, 0.3460, 0.3050**, and the grayscale version is **69.2975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **39.8709, 0.2825, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **71.9362, 0.2793, 0.3665**, and if you desaturate by 10%, it is **78.4580, 0.2976, 0.3435**.

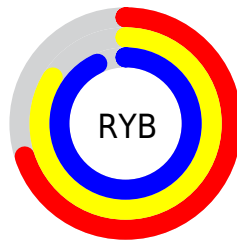
Distribution



Red (70%)

Green (93%)

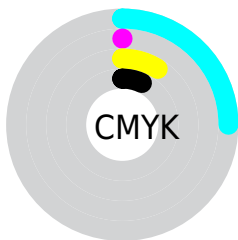
Blue (84%)



Red (70%)

Yellow (84%)

Blue (93%)

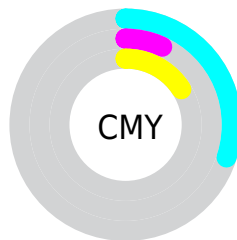


Cyan (25%)

Magenta (0%)

Yellow (9%)

Black (7%)



Cyan (30%)


Magenta (7%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9396, 0.2881, 0.3545 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 74.9396, 0.2881, 0.3545 by changing the saturation by 10% instead.


 74.9396, 0.2881,
0.3545

 74.9396, 0.2881,
0.3545

477.7099, 0.2995,
0.3426

 55.5634, 0.2855,
0.3573


 126.2269, 0.2921,
0.3503

 39.8530, 0.2822,
0.3607


158.9067, 0.2936,
0.3487

 27.4239, 0.2781,
0.3651


196.7899, 0.2949,
0.3473

 17.8919, 0.2727,
0.3709

240.2609, 0.2961,
0.3461

 10.8724, 0.2654,
0.3789

289.7039, 0.2971,
0.3451

 5.9811, 0.2547,
0.3907


345.5036, 0.2980,

 2.8336, 0.2378,


0.3441


0.4097


408.0441, 0.2988,
0.3433


 1.0455, 0.1853,
0.4597


 0.0000, 0.0000,
0.0000


 74.9396, 0.2881,
0.3545

 74.9396, 0.2881,
0.3545


 71.9362, 0.2793,
0.3665

 78.4580, 0.2976,
0.3435

 69.4133, 0.2717,
0.3795

 82.5055, 0.3077,
0.3335

 67.3463, 0.2654,
0.3932

 87.1074, 0.3180,
0.3246

 65.7049, 0.2609,
0.4074

 88.7590, 0.3164,
0.3161

■ 64.4550, 0.2583,
0.4220

■ 89.0562, 0.3135,
0.3117

■ 63.5568, 0.2578,
0.4366

■ 62.9616, 0.2593,
0.4509

■ 62.7373, 0.2606,
0.4580

Harmonies

Analogous

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



74.9396, 0.3152, 0.3736



74.9396, 0.2881, 0.3545



74.9396, 0.2681, 0.3281

Triad

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



74.9396, 0.2881, 0.3545



74.9396, 0.2821, 0.2825



74.9396, 0.3687, 0.3506

Complementary

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



74.9396, 0.2881, 0.3545



53.9972, 0.3460, 0.3050

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.



74.9396, 0.3591, 0.3272



74.9396, 0.2881, 0.3545



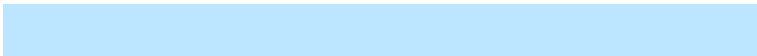
74.9396, 0.3082, 0.2891

Square

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



74.9396, 0.2881, 0.3545



74.9396, 0.2648, 0.2873



74.9396, 0.3366, 0.3052



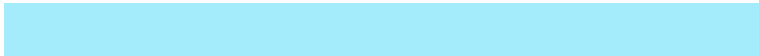
74.9396, 0.3623, 0.3699

Rectangle

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



74.9396, 0.2881, 0.3545



74.9396, 0.2611, 0.3110



74.9396, 0.3366, 0.3052



74.9396, 0.3672, 0.3430

Sweetspot

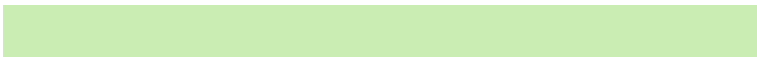
The Sweet Spot groups the original color and five complimentary colors.



74.9427, 0.2881, 0.3545



96.3495, 0.3055, 0.3355



76.1499, 0.3245, 0.3967



20.5586, 0.3049, 0.3361



0.0000, 0.0000, 0.0000



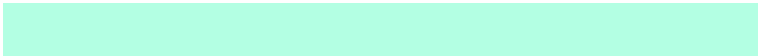
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9427, 0.2881, 0.3545



86.5629, 0.2834, 0.3606



72.2370, 0.2754, 0.3210



17.0212, 0.3031, 0.3379



34.2741, 0.2599, 0.4557



2.7099, 0.2545, 0.4361

Inverse Universe

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



53.9972, 0.3460, 0.3050



57.8050, 0.3552, 0.2997



55.8521, 0.3635, 0.3368



15.1469, 0.3234, 0.3203



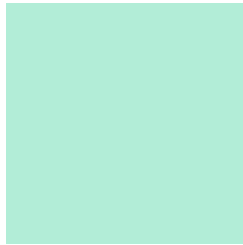
10.2404, 0.5485, 0.2795



0.8222, 0.5108, 0.2587

Previews

White Background



This preview shows how the Yxy color 74.9396, 0.2881, 0.3545 looks on a white background.

Color Contrast Check

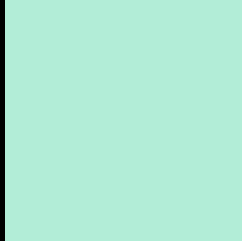
Large Text (above 18pt) WCAG AA × Fail

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 74.9396, 0.2881, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

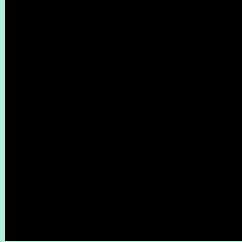
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

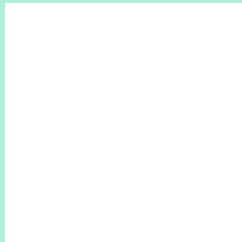
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9396, 0.2881, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 74.9396, 0.2881, 0.3545.

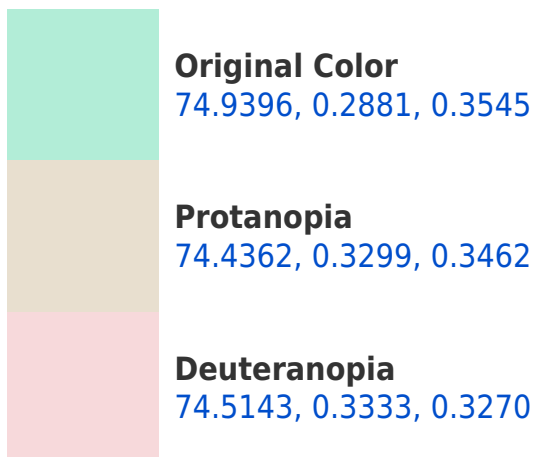


This preview shows how white text looks on a background with the Yxy color 74.9396, 0.2881, 0.3545.

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

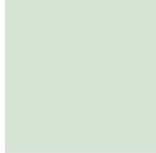
74.9296, 0.2727, 0.3090

Trichromacy



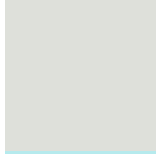
Original Color

74.9396, 0.2881, 0.3545



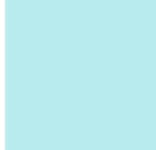
Protanomaly

74.1370, 0.3132, 0.3490



Deuteranomaly

73.9029, 0.3152, 0.3355



Tritanomaly

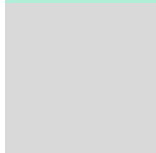
74.9051, 0.2781, 0.3255

Monochromacy



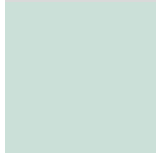
Original Color

74.9396, 0.2881, 0.3545



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

70.9657, 0.3033, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9396, 0.2881, 0.3545 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(178, 237, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 237, 215)  
}
```

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(178, 237, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 237, 215) }
```

Border

The CSS property to change the border of an element to Yxy 74.9396, 0.2881, 0.3545 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(178, 237, 215) }
```

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

```
.border{ border-color:rgb(178, 237, 215) }
```

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

Here you see how a box with a 4 pixel rgb(178, 237, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 237, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 237, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 237,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9396, 0.2881, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 237, 215) }
```

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

```
.background{ background-color: rgb(178,  
237, 215) }
```

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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