

Converting Colors

$Yxy(75.3203, 0.2804, 0.3139)$

Have a look what the booklet for
Yxy(75.3203, 0.2804, 0.3139)
contains.

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Color

Yxy(75.2137, 0.2806, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	C2E7F5
RGB	194, 231, 245
RGB Percent	76%, 91%, 96%
CMY	0.2392, 0.0941, 0.0394
CMYK	0.21, 0.06, 0.00, 0.04
HSL	196°, 72%, 86%
HSV	196°, 21%, 96%
XYZ	67.2990, 75.2137, 97.3269
YIQ	221.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

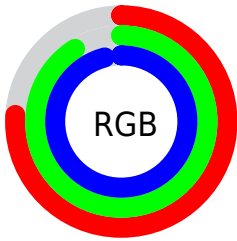
Format	Color
R _Y B	194, 215, 245
Decimal	12773365
CIE Lab	89.49, -9.06, -10.77
CIE LCh	89, 14.078, 229.933
Yxy	75.2137, 0.2806, 0.3136
Android (android.graphics.Color)	4290963445 (0xFFC2E7F5)
YUV	221.5330, 11.5692, -24.1464
Hunter-Lab	86.7258, -13.2547, -5.8293

Details

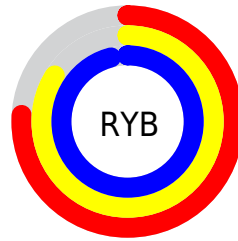
The Yxy color **75.2137, 0.2806, 0.3136** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.3860, 0.3516, 0.3439**, and the grayscale version is **72.6311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **39.9095, 0.2734, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **68.5560, 0.2656, 0.3051**, and if you desaturate by 10%, it is **82.5556, 0.2960, 0.3214**.

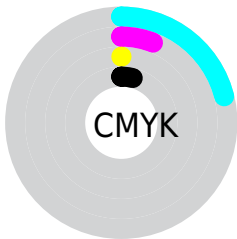
Distribution



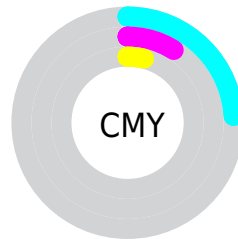
- Red (76%)
- Green (91%)
- Blue (96%)



- Red (76%)
- Yellow (84%)
- Blue (96%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2137, 0.2806, 0.3136 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 75.2137, 0.2806, 0.3136 by changing the saturation by 10% instead.

■ 75.2137, 0.2806,
0.3136

■ 75.2137, 0.2806,
0.3136

■ 478.6518, 0.2952,
0.3208

■ 55.7880, 0.2773,
0.3119

■ 126.6148, 0.2856,
0.3161

■ 40.0330, 0.2733,
0.3098

■ 159.3590, 0.2876,
0.3171

■ 27.5642, 0.2682,
0.3072

■ 197.3115, 0.2893,
0.3180

■ 17.9974, 0.2617,
0.3037

■ 240.8566, 0.2908,
0.3187

■ 10.9481, 0.2530,
0.2989

■ 290.3788, 0.2921,
0.3193

■ 6.0320, 0.2407,
0.2918

■ 346.2625, 0.2933,

■ 2.8645, 0.2221,

0.3199

0.2807

408.8920, 0.2943,
0.3204

1.0614, 0.1911,
0.2608

0.0000, 0.0000,
0.0000

75.2137, 0.2806,
0.3136

75.2137, 0.2806,
0.3136

68.5560, 0.2656,
0.3051

82.5556, 0.2960,
0.3214

62.5455, 0.2514,
0.2960

90.5984, 0.3115,
0.3285

57.1554, 0.2383,
0.2864

96.9249, 0.3188,
0.3349

52.3528, 0.2266,
0.2763

99.3704, 0.3185,
0.3386

■ 48.1013, 0.2167,
0.2660

■ 44.3594, 0.2087,
0.2555

■ 41.0774, 0.2028,
0.2452

■ 38.3942, 0.1988,
0.2358

Harmonies

Analogous

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



75.2137, 0.2855, 0.3282



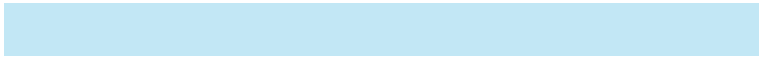
75.2137, 0.2806, 0.3136



75.2137, 0.2840, 0.3037

Triad

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



75.2137, 0.2806, 0.3136



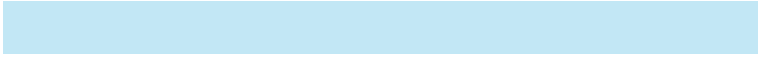
75.2137, 0.3277, 0.3151



75.2137, 0.3301, 0.3586

Complementary

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



75.2137, 0.2806, 0.3136



68.3860, 0.3516, 0.3439

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.



75.2137, 0.3420, 0.3541



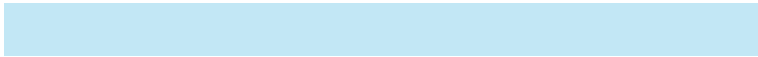
75.2137, 0.2806, 0.3136



75.2137, 0.3407, 0.3289

Square

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



75.2137, 0.2806, 0.3136



75.2137, 0.3109, 0.3049



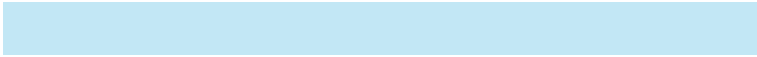
75.2137, 0.3459, 0.3431



75.2137, 0.3138, 0.3548

Rectangle

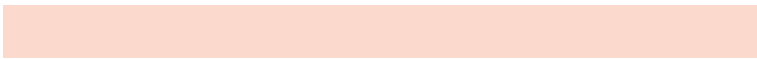
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2137, 0.2806, 0.3136



75.2137, 0.2906, 0.3009



75.2137, 0.3459, 0.3431



75.2137, 0.3348, 0.3580

Sweetspot

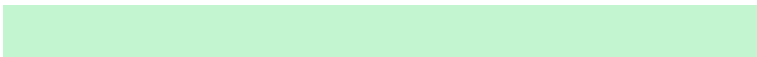
The Sweet Spot groups the original color and five complimentary colors.



75.2168, 0.2806, 0.3136



94.5696, 0.3034, 0.3249



81.2851, 0.3022, 0.3710



20.1189, 0.3024, 0.3244



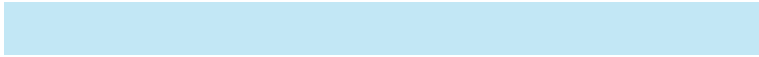
0.0000, 0.0000, 0.0000



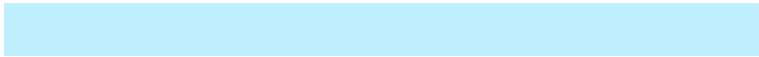
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2168, 0.2806, 0.3136



79.2155, 0.2742, 0.3101



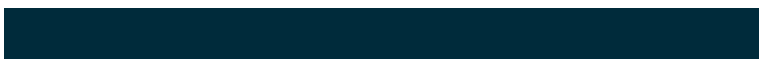
62.1465, 0.2787, 0.2850



17.9458, 0.2980, 0.3224



20.9333, 0.1993, 0.2375



2.0106, 0.2029, 0.2503

Inverse Universe

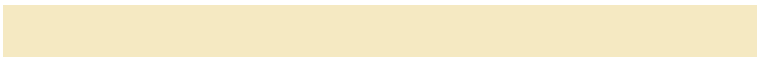
The Inverse Universe completely reimagines the original color for something new.



63.7565, 0.3254, 0.2908



64.7773, 0.3286, 0.2827



81.6187, 0.3465, 0.3695



16.6864, 0.3180, 0.3120



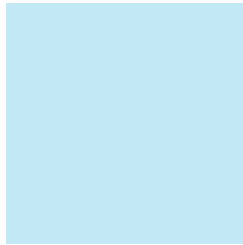
12.2126, 0.4049, 0.2004



1.0906, 0.3919, 0.1933

Previews

White Background



This preview shows how the Yxy color 75.2137, 0.2806, 0.3136 looks on a white background.

Color Contrast Check

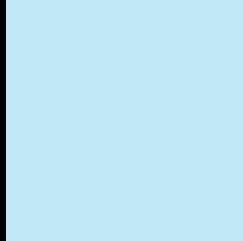
Large Text (above 18pt) WCAG AA × Fail

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 75.2137, 0.2806, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

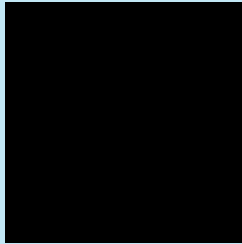
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2137, 0.2806, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 75.2137, 0.2806, 0.3136.

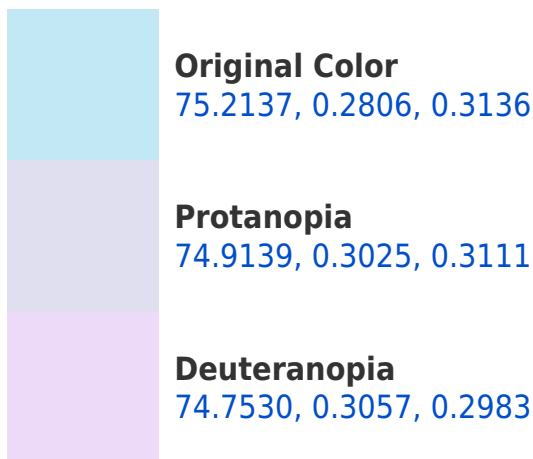


This preview shows how white text looks on a background with the Yxy color 75.2137, 0.2806, 0.3136.

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

75.0353, 0.2789, 0.3082

Trichromacy



Original Color

75.2137, 0.2806, 0.3136

Protanomaly

74.9497, 0.2940, 0.3118

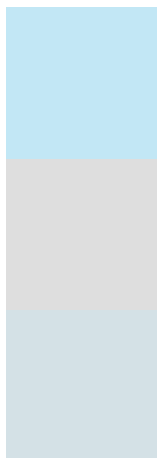
Deuteranomaly

74.8629, 0.2962, 0.3038

Tritanomaly

74.9730, 0.2794, 0.3093

Monochromacy



Original Color

75.2137, 0.2806, 0.3136

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5606, 0.3006, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2137, 0.2806, 0.3136 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(194, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 245)  
}
```

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(194, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 245) }
```

Border

The CSS property to change the border of an element to Yxy 75.2137, 0.2806, 0.3136 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(194, 231, 245) }
```

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

```
.border{ border-color:rgb(194, 231, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 231, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(194, 231,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2137, 0.2806, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 245) }
```

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

```
.background{ background-color: rgb(194,  
231, 245) }
```

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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