

Converting Colors

$Yxy(70.5724, 0.2848, 0.3134)$

Have a look what the booklet for
Yxy(70.5724, 0.2848, 0.3134)
contains.

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Color

Yxy(70.3591, 0.2846, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	C2DFED
RGB	194, 223, 237
RGB Percent	76%, 87%, 93%
CMY	0.2390, 0.1255, 0.0705
CMYK	0.18, 0.06, 0.00, 0.07
HSL	200°, 54%, 85%
HSV	200°, 18%, 93%
XYZ	63.9342, 70.3591, 90.3526
YIQ	215.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

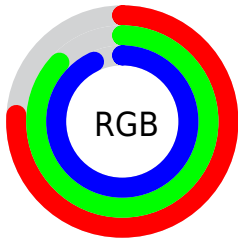
Format	Color
RYB	194, 211, 237
Decimal	12771309
CIELab	87.17, -6.61, -10.06
CIELCh	87, 12.038, 236.668
Yxy	70.3591, 0.2846, 0.3132
Android (android.graphics.Color)	4290961389 (0xFFC2DFED)
YUV	215.9250, 10.3900, -19.2282
Hunter-Lab	83.8803, -10.7365, -5.1486

Details

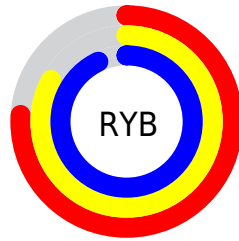
The Yxy color **70.3591, 0.2846, 0.3132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0622, 0.3453, 0.3443**, and the grayscale version is **68.5627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **36.9169, 0.2782, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **63.4278, 0.2692, 0.3033**, and if you desaturate by 10%, it is **77.9857, 0.3001, 0.3223**.

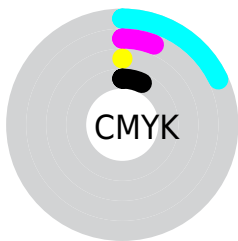
Distribution



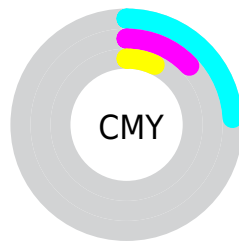
- Red (76%)
- Green (87%)
- Blue (93%)



- Red (76%)
- Yellow (83%)
- Blue (93%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3591, 0.2846, 0.3132 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 70.3591, 0.2846, 0.3132 by changing the saturation by 10% instead.

■ 70.3591, 0.2846,
0.3132

■ 70.3591, 0.2846,
0.3132

461.8099, 0.2976,
0.3207

■ 51.8193, 0.2816,
0.3115

■ 119.7207, 0.2891,
0.3158

■ 36.8611, 0.2780,
0.3093

151.3114, 0.2908,
0.3168

■ 25.1000, 0.2734,
0.3065

188.0211, 0.2924,
0.3177

■ 16.1515, 0.2674,
0.3028

230.2343, 0.2937,
0.3184

■ 9.6315, 0.2592,
0.2978

278.3354, 0.2948,
0.3191

■ 5.1553, 0.2475,
0.2903

332.7088, 0.2958,

■ 2.3387, 0.2294,

0.3197

0.2782

393.7388, 0.2968,
0.3202

0.7941, 0.1920,
0.2570

0.0000, 0.0000,
0.0000

70.3591, 0.2846,
0.3132

70.3591, 0.2846,
0.3132

63.4278, 0.2692,
0.3033

77.9857, 0.3001,
0.3223

57.1568, 0.2543,
0.2925

86.3233, 0.3156,
0.3305

51.5211, 0.2403,
0.2810

93.4201, 0.3240,
0.3380

46.4899, 0.2275,
0.2690

98.2345, 0.3233,
0.3453

■ 42.0296, 0.2162,
0.2565

■ 98.8961, 0.3232,
0.3463

■ 38.1022, 0.2069,
0.2439

■ 34.6631, 0.1997,
0.2313

■ 31.6514, 0.1944,
0.2190

■ 31.1200, 0.1935,
0.2167

Harmonies

Analogous

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



70.3591, 0.2873, 0.3253



70.3591, 0.2846, 0.3132



70.3591, 0.2892, 0.3057

Triad

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



70.3591, 0.2846, 0.3132



70.3591, 0.3288, 0.3194



70.3591, 0.3250, 0.3547

Complementary

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



70.3591, 0.2846, 0.3132



67.0622, 0.3453, 0.3443

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.



70.3591, 0.3365, 0.3524



70.3591, 0.2846, 0.3132



70.3591, 0.3388, 0.3318

Square

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



70.3591, 0.2846, 0.3132



70.3591, 0.3146, 0.3095



70.3591, 0.3417, 0.3439



70.3591, 0.3104, 0.3497

Rectangle

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



70.3591, 0.2846, 0.3132



70.3591, 0.2959, 0.3042



70.3591, 0.3417, 0.3439



70.3591, 0.3294, 0.3547

Sweetspot

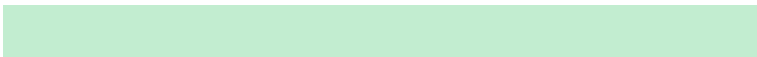
The Sweet Spot groups the original color and five complimentary colors.



70.3620, 0.2846, 0.3132



95.0329, 0.3050, 0.3249



76.5984, 0.3023, 0.3624



20.1952, 0.3039, 0.3243



0.0000, 0.0000, 0.0000



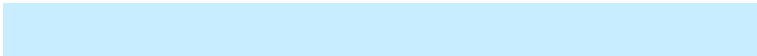
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3620, 0.2846, 0.3132



79.7286, 0.2785, 0.3094



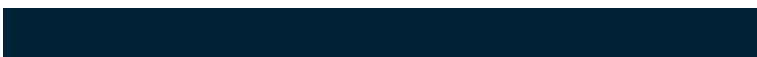
59.8003, 0.2833, 0.2888



16.2443, 0.2981, 0.3211



17.2350, 0.1941, 0.2187



1.5274, 0.1988, 0.2358

Inverse Universe

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



61.9427, 0.3253, 0.2982



68.1563, 0.3285, 0.2913



78.0281, 0.3414, 0.3662



15.2252, 0.3188, 0.3133



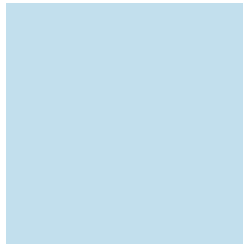
11.2327, 0.4246, 0.2113



0.8996, 0.4066, 0.2014

Previews

White Background



This preview shows how the Yxy color 70.3591, 0.2846, 0.3132 looks on a white background.

Color Contrast Check

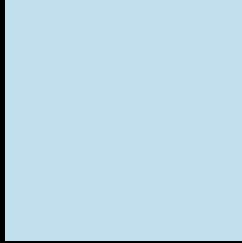
Large Text (above 18pt) WCAG AA × Fail

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 70.3591, 0.2846, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

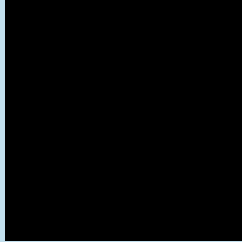
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

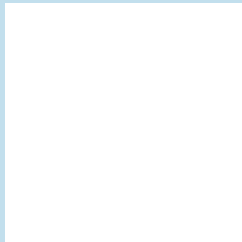
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3591, 0.2846, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 70.3591, 0.2846, 0.3132.

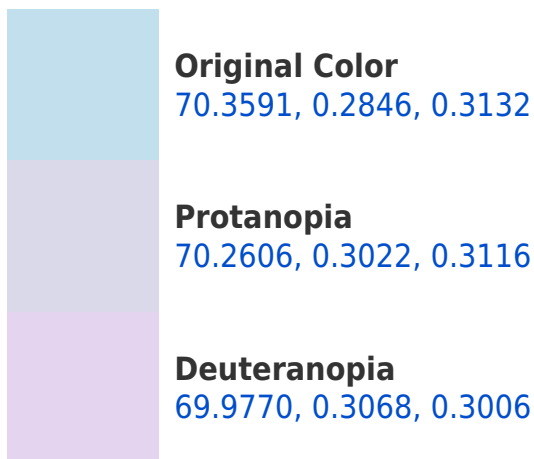


This preview shows how white text looks on a background with the Yxy color 70.3591, 0.2846, 0.3132.

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

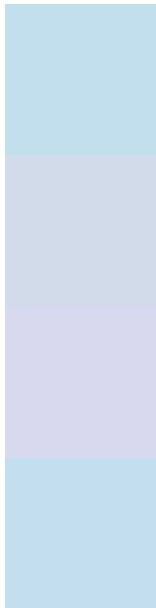




Tritanopia

70.1359, 0.2834, 0.3089

Trichromacy



Original Color

70.3591, 0.2846, 0.3132

Protanomaly

70.1589, 0.2961, 0.3125

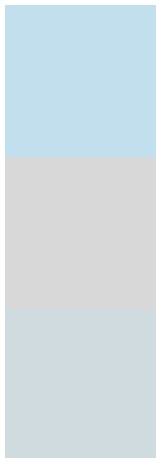
Deuteranomaly

69.8837, 0.2983, 0.3052

Tritanomaly

70.0766, 0.2840, 0.3100

Monochromacy



Original Color

70.3591, 0.2846, 0.3132

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.4548, 0.3017, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3591, 0.2846, 0.3132 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, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(194, 223, 237)  
}
```

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, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 223, 237) }
```

Border

The CSS property to change the border of an element to Yxy 70.3591, 0.2846, 0.3132 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, 223, 237) }
```

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

```
.border{ border-color:rgb(194, 223, 237) }
```

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

Here you see how a box with a 4 pixel rgb(194, 223, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(194, 223,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3591, 0.2846, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 223, 237) }
```

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

```
.background{ background-color: rgb(194,  
223, 237) }
```

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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