

Converting Colors

Yxy(71.3642, 0.2783, 0.3035)

Have a look what the booklet for
Yxy(71.3642, 0.2783, 0.3035)
contains.

| | |
|---|----|
| Yxy(71.3642, 0.2783, 0.3035) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(71.3642, 0.2783, 0.3035)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C1E0F7 |
| RGB | 193, 224, 247 |
| RGB Percent | 76%, 88%, 97% |
| CMY | 0.2431, 0.1216, 0.0313 |
| CMYK | 0.22, 0.09, 0.00, 0.03 |
| HSL | 206°, 77%, 86% |
| HSV | 206°, 22%, 97% |
| XYZ | 65.4387, 71.3642, 98.3345 |
| YIQ | 217.3530, -25.8590, 0.5810 |

Conversions

Conversions Part 2

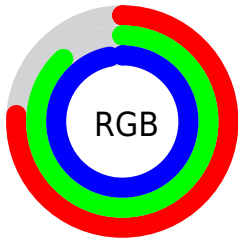
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 213, 247 |
| Decimal | 12706039 |
| CIELab | 87.66, -5.31, -14.59 |
| CIElCh | 88, 15.531, 249.997 |
| Yxy | 71.3642, 0.2783, 0.3035 |
| Android (android.graphics.Color) | 4290896119 (0xFFC1E0F7) |
| YUV | 217.3530, 14.6160, -21.3576 |
| Hunter-Lab | 84.4773, -9.5638, -9.8814 |

Details

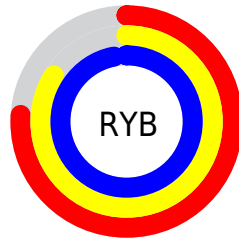
The Yxy color **71.3642, 0.2783, 0.3035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7494, 0.3522, 0.3532**, and the grayscale version is **69.5564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **37.6265, 0.2704, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **62.9034, 0.2623, 0.2899**, and if you desaturate by 10%, it is **80.7233, 0.2942, 0.3159**.

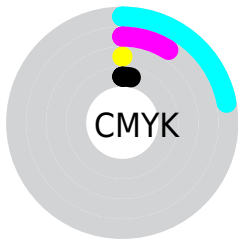
Distribution



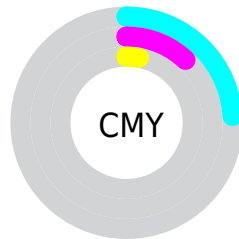
- Red (76%)
- Green (88%)
- Blue (97%)



- Red (76%)
- Yellow (84%)
- Blue (97%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3642, 0.2783, 0.3035 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 71.3642, 0.2783, 0.3035 by changing the saturation by 10% instead.

■ 71.3642, 0.2783,
0.3035

■ 71.3642, 0.2783,
0.3035

■ 465.3256, 0.2941,
0.3154

■ 52.6395, 0.2747,
0.3008

■ 121.1522, 0.2838,
0.3077

■ 37.5150, 0.2703,
0.2974

■ 152.9842, 0.2859,
0.3093

■ 25.6065, 0.2648,
0.2930

■ 189.9541, 0.2877,
0.3106

■ 16.5295, 0.2576,
0.2874

■ 232.4462, 0.2893,
0.3119

■ 9.8996, 0.2479,
0.2796

■ 280.8451, 0.2907,
0.3129

■ 5.3324, 0.2342,
0.2685

■ 335.5350, 0.2920,

■ 2.4436, 0.2133,

0.3138

0.2510

396.9004, 0.2931,
0.3147

0.8482, 0.1763,
0.2210

0.0000, 0.0000,
0.0000

71.3642, 0.2783,
0.3035

71.3642, 0.2783,
0.3035

62.9034, 0.2623,
0.2899

80.7233, 0.2942,
0.3159

55.2989, 0.2467,
0.2752

91.0030, 0.3099,
0.3271

48.5180, 0.2318,
0.2595

99.4965, 0.3173,
0.3366

42.5218, 0.2181,
0.2432

■ 37.2677, 0.2060,
0.2264

■ 32.7070, 0.1960,
0.2097

■ 28.7826, 0.1883,
0.1933

■ 25.9921, 0.1835,
0.1804

Harmonies

Analogous

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



71.3642, 0.2775, 0.3166



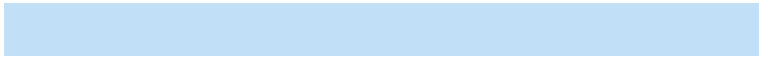
71.3642, 0.2783, 0.3035



71.3642, 0.2880, 0.2976

Triad

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



71.3642, 0.2783, 0.3035



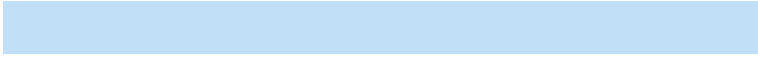
71.3642, 0.3401, 0.3234



71.3642, 0.3202, 0.3605

Complementary

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



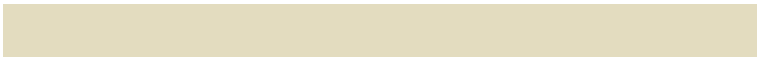
71.3642, 0.2783, 0.3035



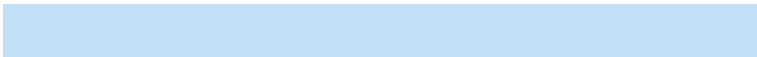
72.7494, 0.3522, 0.3532

Split Complementary

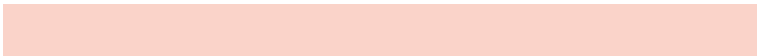
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3642, 0.3375, 0.3615



71.3642, 0.2783, 0.3035



71.3642, 0.3492, 0.3396

Square

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



71.3642, 0.2783, 0.3035



71.3642, 0.3235, 0.3091



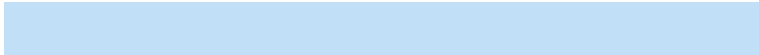
71.3642, 0.3482, 0.3536



71.3642, 0.3014, 0.3503

Rectangle

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



71.3642, 0.2783, 0.3035



71.3642, 0.2984, 0.2981



71.3642, 0.3482, 0.3536



71.3642, 0.3264, 0.3619

Sweetspot

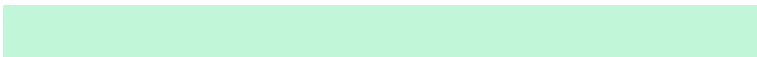
The Sweet Spot groups the original color and five complimentary colors.



71.3671, 0.2783, 0.3035



92.0132, 0.3019, 0.3215



82.8029, 0.2972, 0.3641



19.5522, 0.3009, 0.3208



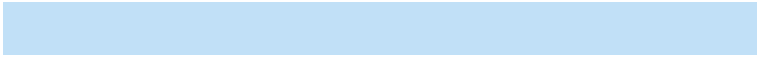
0.0000, 0.0000, 0.0000



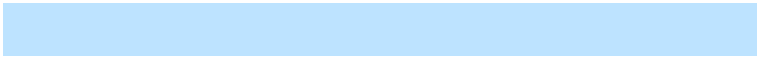
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3671, 0.2783, 0.3035



72.8017, 0.2716, 0.2980



58.2168, 0.2761, 0.2730



17.5060, 0.2980, 0.3187



14.0318, 0.1842, 0.1831



1.4368, 0.1897, 0.2030

Inverse Universe

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



63.3010, 0.3325, 0.2969



63.0585, 0.3372, 0.2905



87.4400, 0.3467, 0.3794



16.6420, 0.3203, 0.3155



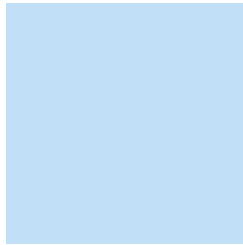
11.5159, 0.4649, 0.2335



1.0327, 0.4418, 0.2208

Previews

White Background



This preview shows how the Yxy color 71.3642, 0.2783, 0.3035 looks on a white background.

Color Contrast Check

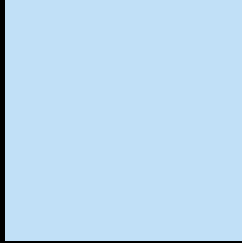
Large Text (above 18pt) WCAG AA × Fail

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 71.3642, 0.2783, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

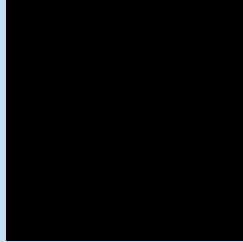
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

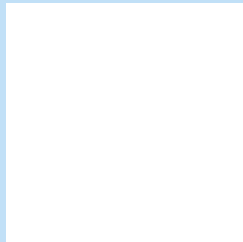
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3642, 0.2783, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 71.3642, 0.2783, 0.3035.

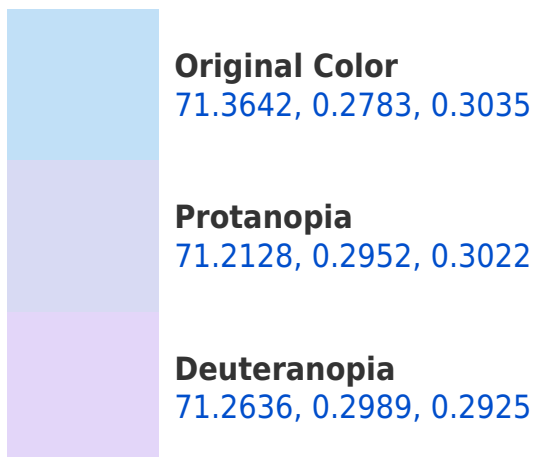


This preview shows how white text looks on a background with the Yxy color 71.3642, 0.2783, 0.3035.

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

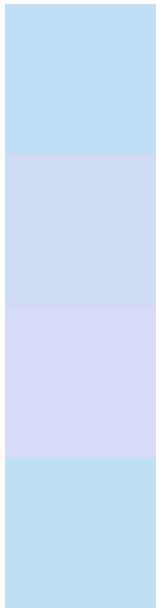




Tritanopia

71.5280, 0.2800, 0.3089

Trichromacy



Original Color

71.3642, 0.2783, 0.3035

Protanomaly

71.1279, 0.2893, 0.3029

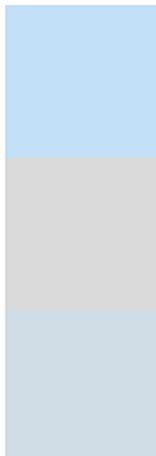
Deuteranomaly

71.3672, 0.2915, 0.2970

Tritanomaly

71.5885, 0.2795, 0.3078

Monochromacy



Original Color

71.3642, 0.2783, 0.3035

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.1977, 0.2992, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3642, 0.2783, 0.3035 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(193, 224, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 224, 247)  
}
```

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(193, 224, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 224, 247) }
```

Border

The CSS property to change the border of an element to Yxy 71.3642, 0.2783, 0.3035 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(193, 224, 247) }
```

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

```
.border{ border-color:rgb(193, 224, 247) }
```

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

Here you see how a box with a 4 pixel rgb(193, 224, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 224, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 224, 247);  
box-shadow:4px 4px 4px 4px rgb(193, 224,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3642, 0.2783, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 224, 247) }
```

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

```
.background{ background-color: rgb(193,  
224, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor