

Converting Colors

$Yxy(70.6077, 0.2699, 0.3047)$

Have a look what the booklet for
Yxy(70.6077, 0.2699, 0.3047)
contains.

Yxy(70.6918, 0.2702, 0.3052)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.6918, 0.2702, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	B3E2F7
RGB	179, 226, 247
RGB Percent	70%, 89%, 97%
CMY	0.2978, 0.1138, 0.0313
CMYK	0.28, 0.09, 0.00, 0.03
HSL	199°, 81%, 84%
HSV	199°, 28%, 97%
XYZ	62.5849, 70.6918, 98.3478
YIQ	214.3410, -34.7530, -3.4330

Conversions

Conversions Part 2

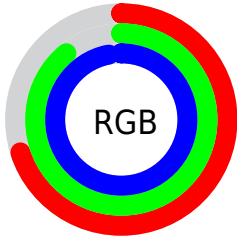
Format	Color
R _Y B	179, 207, 247
Decimal	11789047
CIE Lab	87.34, -10.42, -15.17
CIE LCh	87, 18.399, 235.512
Yxy	70.6918, 0.2702, 0.3052
Android (android.graphics.Color)	4289979127 (0xFFB3E2F7)
YUV	214.3410, 16.1009, -30.9941
Hunter-Lab	84.0784, -14.2683, -10.4975

Details

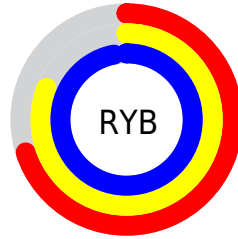
The Yxy color **70.6918, 0.2702, 0.3052** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.3740, 0.3669, 0.3516**, and the grayscale version is **67.4021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **37.2474, 0.2606, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **63.9468, 0.2554, 0.2951**, and if you desaturate by 10%, it is **78.1548, 0.2855, 0.3146**.

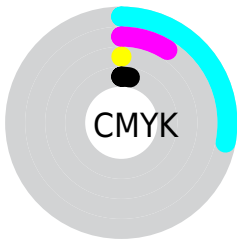
Distribution



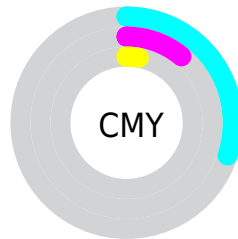
- Red (70%)
- Green (89%)
- Blue (97%)



- Red (70%)
- Yellow (81%)
- Blue (97%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (30%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6918, 0.2702, 0.3052 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 70.6918, 0.2702, 0.3052 by changing the saturation by 10% instead.

■ 70.6918, 0.2702,
0.3052

■ 70.6918, 0.2702,
0.3052

■ 462.9753, 0.2897,
0.3165

■ 52.0907, 0.2658,
0.3026

■ 120.1948, 0.2769,
0.3092

■ 37.0774, 0.2604,
0.2993

■ 151.8655, 0.2795,
0.3107

■ 25.2674, 0.2536,
0.2951

■ 188.6615, 0.2818,
0.3120

■ 16.2764, 0.2449,
0.2895

■ 230.9672, 0.2838,
0.3131

■ 9.7200, 0.2331,
0.2818

■ 279.1671, 0.2855,
0.3141

■ 5.2137, 0.2165,
0.2706

■ 333.6455, 0.2871,

■ 2.3732, 0.1917,

0.3150

0.2527

394.7867, 0.2884,
0.3158

0.8120, 0.1420,
0.2229

0.0000, 0.0000,
0.0000

70.6918, 0.2702,
0.3052

70.6918, 0.2702,
0.3052

63.9468, 0.2554,
0.2951

78.1548, 0.2855,
0.3146

57.8807, 0.2414,
0.2842

86.3557, 0.3011,
0.3231

52.4633, 0.2288,
0.2729

95.3239, 0.3165,
0.3308

47.6578, 0.2177,
0.2611

99.4959, 0.3173,
0.3366

■ 43.4230, 0.2086,
0.2492

■ 39.7106, 0.2014,
0.2374

■ 36.4579, 0.1963,
0.2257

■ 35.6967, 0.1952,
0.2228

Harmonies

Analogous

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



70.6918, 0.2746, 0.3238



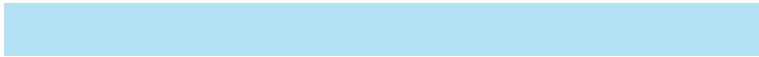
70.6918, 0.2702, 0.3052



70.6918, 0.2767, 0.2939

Triad

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



70.6918, 0.2702, 0.3052



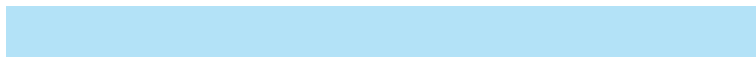
70.6918, 0.3365, 0.3137



70.6918, 0.3320, 0.3687

Complementary

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



70.6918, 0.2702, 0.3052



64.3740, 0.3669, 0.3516

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.



70.6918, 0.3495, 0.3642



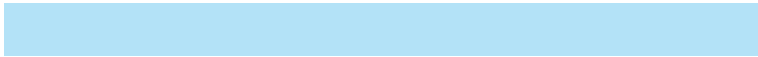
70.6918, 0.2702, 0.3052



70.6918, 0.3523, 0.3321

Square

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



70.6918, 0.2702, 0.3052



70.6918, 0.3144, 0.2992



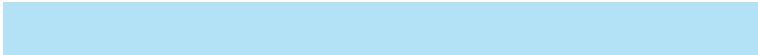
70.6918, 0.3571, 0.3506



70.6918, 0.3098, 0.3616

Rectangle

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



70.6918, 0.2702, 0.3052



70.6918, 0.2864, 0.2916



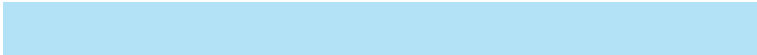
70.6918, 0.3571, 0.3506



70.6918, 0.3387, 0.3684

Sweetspot

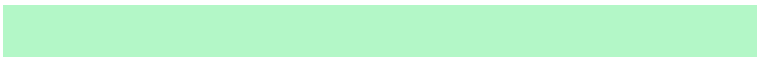
The Sweet Spot groups the original color and five complimentary colors.



70.6946, 0.2702, 0.3052



92.3746, 0.3003, 0.3227



80.2610, 0.2977, 0.3840



19.4777, 0.2980, 0.3215



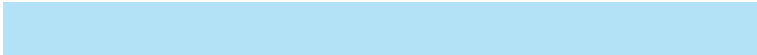
0.0000, 0.0000, 0.0000



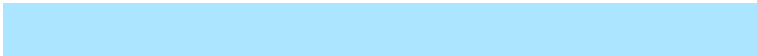
21.4041, 0.3127, 0.3290

Same Dimension

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



70.6946, 0.2702, 0.3052



71.8857, 0.2619, 0.2997



54.2894, 0.2662, 0.2657



17.8424, 0.2980, 0.3215



19.1414, 0.1958, 0.2247



1.8644, 0.1998, 0.2394

Inverse Universe

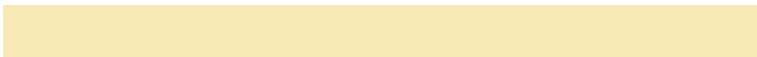
The Inverse Universe completely reimagines the original color for something new.



57.5283, 0.3324, 0.2804



55.9849, 0.3375, 0.2703



81.5473, 0.3578, 0.3851



16.6759, 0.3185, 0.3128



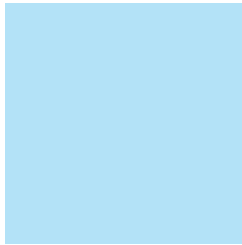
12.0317, 0.4182, 0.2077



1.0759, 0.4030, 0.1993

Previews

White Background



This preview shows how the Yxy color 70.6918, 0.2702, 0.3052 looks on a white background.

Color Contrast Check

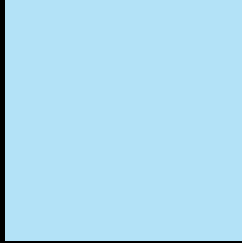
Large Text (above 18pt) WCAG AA × Fail

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 70.6918, 0.2702, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

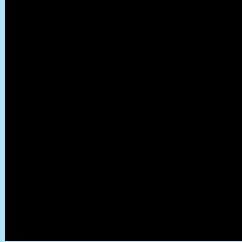
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6918, 0.2702, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 70.6918, 0.2702, 0.3052.



This preview shows how white text looks on a background with the Yxy color 70.6918, 0.2702, 0.3052.

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

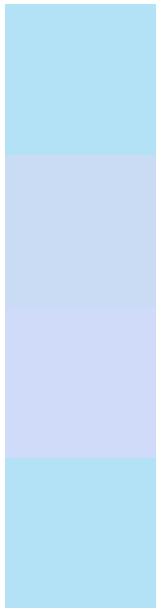




Tritanopia

70.5690, 0.2712, 0.3074

Trichromacy



Original Color

70.6918, 0.2702, 0.3052

Protanomaly

70.2140, 0.2860, 0.3037

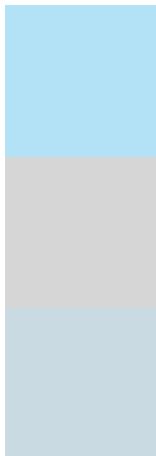
Deuteranomaly

70.3923, 0.2863, 0.2955

Tritanomaly

70.6302, 0.2707, 0.3063

Monochromacy



Original Color

70.6918, 0.2702, 0.3052

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.0513, 0.2956, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6918, 0.2702, 0.3052 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(179, 226, 247)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 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(179, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 247) }
```

Border

The CSS property to change the border of an element to Yxy 70.6918, 0.2702, 0.3052 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(179, 226, 247) }
```

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

```
.border{ border-color:rgb(179, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(179, 226,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6918, 0.2702, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 247) }
```

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

```
.background{ background-color: rgb(179,  
226, 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](#).

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