

Converting Colors

$Yxy(70.4844, 0.2757, 0.3095)$

Have a look what the booklet for
Yxy(70.4844, 0.2757, 0.3095)
contains.

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Color

Yxy(70.4516, 0.2757, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	B8E1F2
RGB	184, 225, 242
RGB Percent	72%, 88%, 95%
CMY	0.2785, 0.1176, 0.0509
CMYK	0.24, 0.07, 0.00, 0.05
HSL	198°, 69%, 84%
HSV	198°, 24%, 95%
XYZ	62.7172, 70.4516, 94.3146
YIQ	214.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

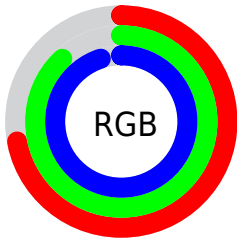
Format	Color
R_{YB}	184, 208, 242
Decimal	12116466
CIE _{Lab}	87.22, -9.61, -12.69
CIE _{LCh}	87, 15.915, 232.867
Yxy	70.4516, 0.2757, 0.3097
Android (android.graphics.Color)	4290306546 (0xFFB8E1F2)
YUV	214.6790, 13.4693, -26.9055
Hunter-Lab	83.9355, -13.5106, -7.8668

Details

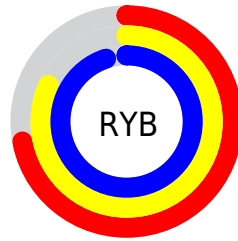
The Yxy color **70.4516, 0.2757, 0.3097** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.1099, 0.3586, 0.3475**, and the grayscale version is **67.6485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **37.0404, 0.2673, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **63.9607, 0.2608, 0.3004**, and if you desaturate by 10%, it is **77.6189, 0.2911, 0.3183**.

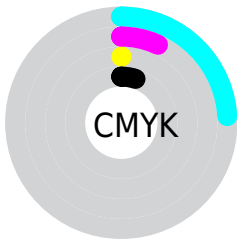
Distribution



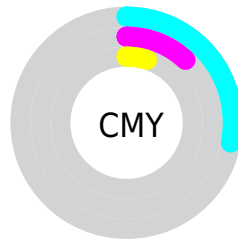
- Red (72%)
- Green (88%)
- Blue (95%)



- Red (72%)
- Yellow (82%)
- Blue (95%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4516, 0.2757, 0.3097 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 70.4516, 0.2757, 0.3097 by changing the saturation by 10% instead.

■ 70.4516, 0.2757,
0.3097

■ 70.4516, 0.2757,
0.3097

■ 462.1341, 0.2927,
0.3189

■ 51.8948, 0.2718,
0.3076

■ 119.8525, 0.2816,
0.3129

■ 36.9212, 0.2671,
0.3049

■ 151.4655, 0.2839,
0.3142

■ 25.1465, 0.2611,
0.3014

■ 188.1992, 0.2859,
0.3152

■ 16.1862, 0.2534,
0.2969

■ 230.4382, 0.2876,
0.3162

■ 9.6560, 0.2429,
0.2905

■ 278.5667, 0.2891,
0.3170

■ 5.1715, 0.2280,
0.2812

■ 332.9693, 0.2904,

■ 2.3482, 0.2054,

0.3177

0.2662

394.0303, 0.2916,
0.3183

0.7991, 0.1582,
0.2408

0.0000, 0.0000,
0.0000

70.4516, 0.2757,
0.3097

70.4516, 0.2757,
0.3097

63.9607, 0.2608,
0.3004

77.6189, 0.2911,
0.3183

58.1097, 0.2467,
0.2904

85.4800, 0.3066,
0.3261

52.8711, 0.2337,
0.2798

93.7609, 0.3209,
0.3332

48.2118, 0.2223,
0.2689

98.1662, 0.3204,
0.3399

■ 44.0945, 0.2127,
0.2577

■ 99.1922, 0.3203,
0.3415

■ 40.4766, 0.2051,
0.2465

■ 37.3060, 0.1995,
0.2354

■ 35.5687, 0.1969,
0.2288

Harmonies

Analogous

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



70.4516, 0.2804, 0.3262



70.4516, 0.2757, 0.3097



70.4516, 0.2805, 0.2991

Triad

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



70.4516, 0.2757, 0.3097



70.4516, 0.3318, 0.3144



70.4516, 0.3311, 0.3633

Complementary

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



70.4516, 0.2757, 0.3097



64.1099, 0.3586, 0.3475

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.



70.4516, 0.3456, 0.3588



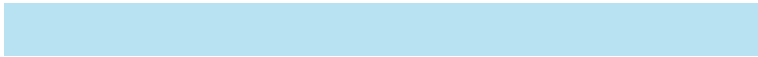
70.4516, 0.2757, 0.3097



70.4516, 0.3461, 0.3304

Square

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



70.4516, 0.2757, 0.3097



70.4516, 0.3125, 0.3022



70.4516, 0.3512, 0.3466



70.4516, 0.3120, 0.3580

Rectangle

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



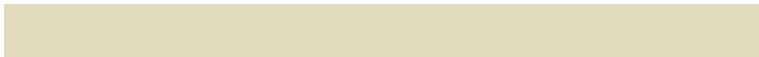
70.4516, 0.2757, 0.3097



70.4516, 0.2886, 0.2965



70.4516, 0.3512, 0.3466



70.4516, 0.3367, 0.3628

Sweetspot

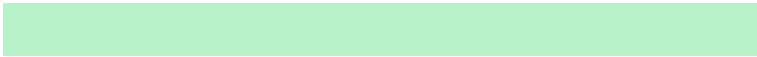
The Sweet Spot groups the original color and five complimentary colors.



70.4545, 0.2757, 0.3097



93.4773, 0.3019, 0.3238



77.8954, 0.3001, 0.3771



19.8916, 0.3009, 0.3234



0.0000, 0.0000, 0.0000



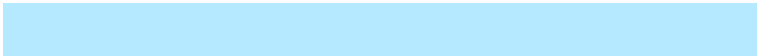
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4545, 0.2757, 0.3097



75.5111, 0.2680, 0.3050



56.3291, 0.2729, 0.2762



17.1007, 0.2981, 0.3219



19.3515, 0.1974, 0.2306



1.7810, 0.2014, 0.2451

Inverse Universe

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



58.5889, 0.3286, 0.2859



60.2298, 0.3329, 0.2764



78.6270, 0.3518, 0.3768



15.9478, 0.3183, 0.3125



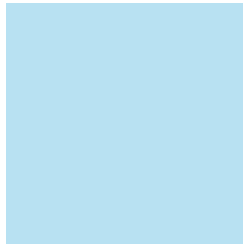
11.7469, 0.4120, 0.2043



0.9945, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 70.4516, 0.2757, 0.3097 looks on a white background.

Color Contrast Check

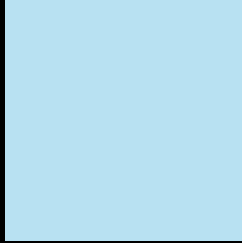
Large Text (above 18pt) WCAG AA × Fail

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 70.4516, 0.2757, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

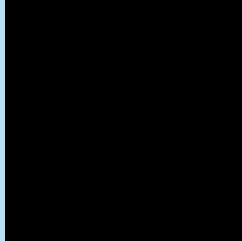
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4516, 0.2757, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 70.4516, 0.2757, 0.3097.

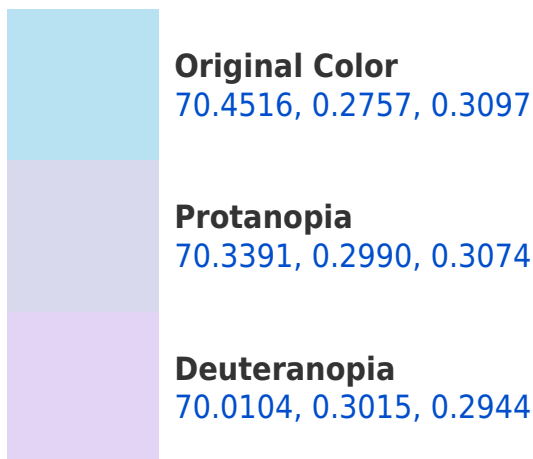


This preview shows how white text looks on a background with the Yxy color 70.4516, 0.2757, 0.3097.

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

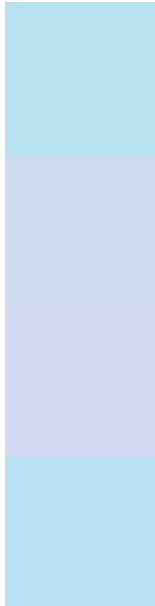




Tritanopia

70.5118, 0.2752, 0.3086

Trichromacy



Original Color

70.4516, 0.2757, 0.3097

Protanomaly

70.2558, 0.2897, 0.3080

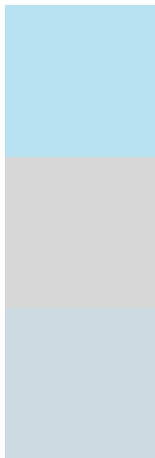
Deuteranomaly

70.0062, 0.2912, 0.2998

Tritanomaly

70.5118, 0.2752, 0.3086

Monochromacy



Original Color

70.4516, 0.2757, 0.3097

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.9366, 0.2983, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4516, 0.2757, 0.3097 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(184, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(184, 225, 242)  
}
```

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(184, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 225, 242) }
```

Border

The CSS property to change the border of an element to Yxy 70.4516, 0.2757, 0.3097 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(184, 225, 242) }
```

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

```
.border{ border-color:rgb(184, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(184, 225,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4516, 0.2757, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 225, 242) }
```

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

```
.background{ background-color: rgb(184,  
225, 242) }
```

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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