

Converting Colors

$Yxy(71.8488, 0.2749, 0.3131)$

Have a look what the booklet for
Yxy(71.8488, 0.2749, 0.3131)
contains.

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Color

Yxy(71.8427, 0.2748, 0.3131)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B6E4F2 |
| RGB | 182, 228, 242 |
| RGB Percent | 71%, 89%, 95% |
| CMY | 0.2865, 0.1058, 0.0509 |
| CMYK | 0.25, 0.06, 0.00, 0.05 |
| HSL | 194°, 70%, 83% |
| HSV | 194°, 25%, 95% |
| XYZ | 63.0545, 71.8427, 94.5589 |
| YIQ | 215.8420, -31.9100, -5.3980 |

Conversions

Conversions Part 2

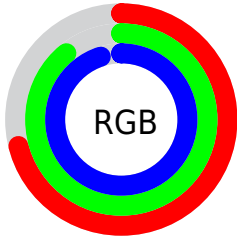
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 182, 208, 242 |
| Decimal | 11986162 |
| CIE Lab | 87.89, -11.74, -11.69 |
| CIE LCh | 88, 16.565, 224.881 |
| Yxy | 71.8427, 0.2748, 0.3131 |
| Android (android.graphics.Color) | 4290176242 (0xFFB6E4F2) |
| YUV | 215.8420, 12.8959, -29.6794 |
| Hunter-Lab | 84.7601, -15.5408, -6.8122 |

Details

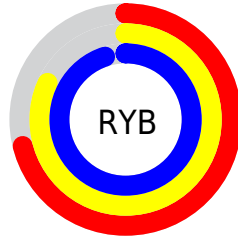
The Yxy color **71.8427, 0.2748, 0.3131** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7139, 0.3615, 0.3443**, and the grayscale version is **68.4793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **38.0215, 0.2664, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **66.0964, 0.2604, 0.3057**, and if you desaturate by 10%, it is **78.2053, 0.2899, 0.3199**.

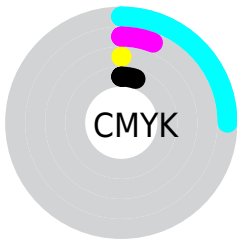
Distribution



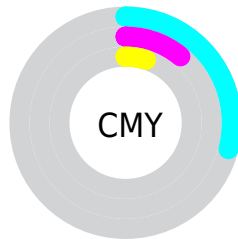
- Red (71%)
- Green (89%)
- Blue (95%)



- Red (71%)
- Yellow (82%)
- Blue (95%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)




- Cyan (29%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8427, 0.2748, 0.3131 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 71.8427, 0.2748, 0.3131 by changing the saturation by 10% instead.


 71.8427, 0.2748,
0.3131

 71.8427, 0.2748,
0.3131


466.9939, 0.2922,
0.3207

 53.0302, 0.2709,
0.3113


 121.8329, 0.2808,
0.3158

 37.8269, 0.2661,
0.3091


153.7793, 0.2831,
0.3168

 25.8483, 0.2600,
0.3062


190.8725, 0.2851,
0.3177

 16.7102, 0.2522,
0.3023

233.4969, 0.2869,
0.3185

 10.0281, 0.2416,
0.2970

282.0368, 0.2885,
0.3191

 5.4176, 0.2267,
0.2891

336.8767, 0.2898,

 2.4943, 0.2042,

0.3197

0.2762

398.4009, 0.2911,
0.3202

0.8738, 0.1586,
0.2547

0.0000, 0.0000,
0.0000

71.8427, 0.2748,
0.3131

71.8427, 0.2748,
0.3131

66.0964, 0.2604,
0.3057

78.2053, 0.2899,
0.3199

60.9304, 0.2470,
0.2978

85.2006, 0.3053,
0.3262

56.3182, 0.2349,
0.2896

92.8554, 0.3207,
0.3319

52.2274, 0.2245,
0.2810

96.4040, 0.3206,
0.3373

■ 48.6213, 0.2160,
0.2723

■ 99.1917, 0.3203,
0.3415

■ 45.4576, 0.2094,
0.2636

■ 42.6846, 0.2048,
0.2550

■ 41.3615, 0.2029,
0.2505

Harmonies

Analogous

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



71.8427, 0.2821, 0.3311



71.8427, 0.2748, 0.3131



71.8427, 0.2772, 0.3003

Triad

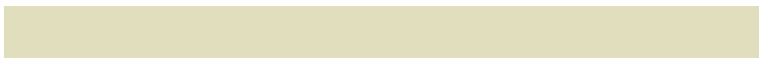
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8427, 0.2748, 0.3131



71.8427, 0.3274, 0.3100



71.8427, 0.3364, 0.3642

Complementary

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



71.8427, 0.2748, 0.3131



61.7139, 0.3615, 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.



71.8427, 0.3493, 0.3571



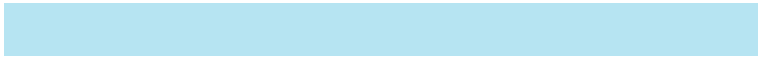
71.8427, 0.2748, 0.3131



71.8427, 0.3441, 0.3258

Square

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



71.8427, 0.2748, 0.3131



71.8427, 0.3071, 0.2990



71.8427, 0.3522, 0.3429



71.8427, 0.3174, 0.3615

Rectangle

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



71.8427, 0.2748, 0.3131



71.8427, 0.2840, 0.2960



71.8427, 0.3522, 0.3429



71.8427, 0.3416, 0.3628

Sweetspot

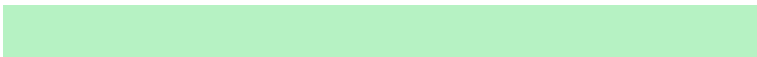
The Sweet Spot groups the original color and five complimentary colors.



71.8456, 0.2748, 0.3131



94.1442, 0.3019, 0.3249



77.3911, 0.3020, 0.3839



20.0463, 0.3009, 0.3245



0.0000, 0.0000, 0.0000



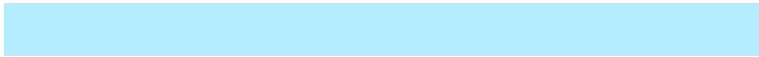
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8456, 0.2748, 0.3131



77.4097, 0.2671, 0.3093



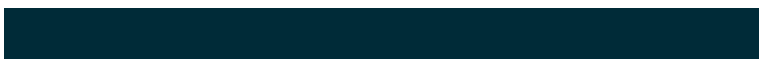
57.1839, 0.2718, 0.2789



17.2678, 0.2981, 0.3234



22.4354, 0.2033, 0.2520



2.0159, 0.2065, 0.2633

Inverse Universe

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



57.9184, 0.3264, 0.2807



59.4244, 0.3300, 0.2702



76.1043, 0.3542, 0.3745



15.9647, 0.3174, 0.3111



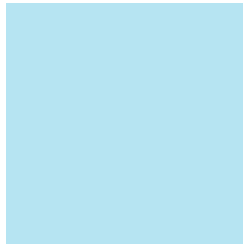
12.0582, 0.3903, 0.1924



1.0182, 0.3792, 0.1863

Previews

White Background



This preview shows how the Yxy color 71.8427, 0.2748, 0.3131 looks on a white background.

Color Contrast Check

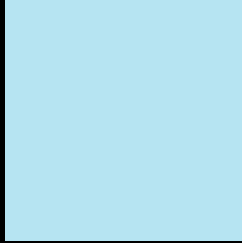
Large Text (above 18pt) WCAG AA × Fail

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 71.8427, 0.2748, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

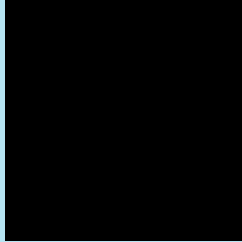
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8427, 0.2748, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 71.8427, 0.2748, 0.3131.

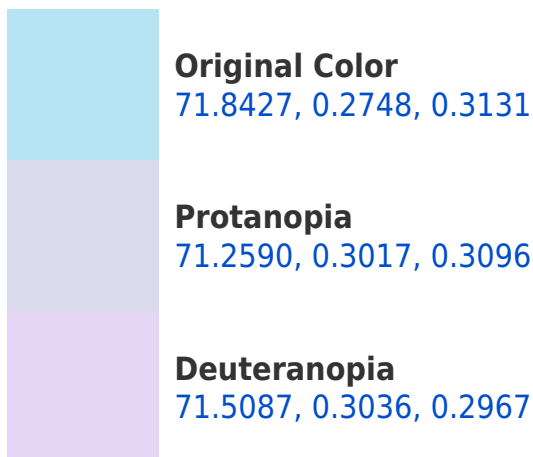


This preview shows how white text looks on a background with the Yxy color 71.8427, 0.2748, 0.3131.

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

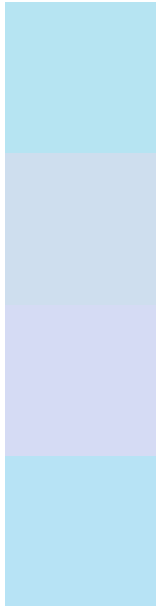




Tritanopia

71.6593, 0.2731, 0.3076

Trichromacy



Original Color

71.8427, 0.2748, 0.3131

Protanomaly

71.5374, 0.2917, 0.3114

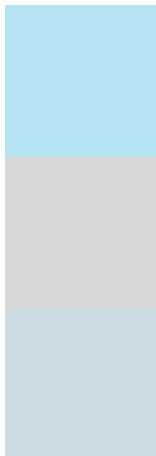
Deuteranomaly

71.3408, 0.2926, 0.3021

Tritanomaly

71.5980, 0.2737, 0.3087

Monochromacy



Original Color

71.8427, 0.2748, 0.3131

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.4600, 0.2983, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8427, 0.2748, 0.3131 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(182, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 228, 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(182, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 228, 242) }
```

Border

The CSS property to change the border of an element to Yxy 71.8427, 0.2748, 0.3131 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(182, 228, 242) }
```

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

```
.border{ border-color:rgb(182, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 228,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8427, 0.2748, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 228, 242) }
```

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

```
.background{ background-color: rgb(182,  
228, 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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