

Converting Colors

$Yxy(71.2695, 0.2722, 0.3110)$

Have a look what the booklet for
Yxy(71.2695, 0.2722, 0.3110)
contains.

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Color

Yxy(71.5416, 0.2725, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	B3E4F3
RGB	179, 228, 243
RGB Percent	70%, 89%, 95%
CMY	0.2983, 0.1058, 0.0470
CMYK	0.26, 0.06, 0.00, 0.05
HSL	194°, 73%, 83%
HSV	194°, 26%, 95%
XYZ	62.5043, 71.5416, 95.3276
YIQ	215.0590, -34.0190, -5.7230

Conversions

Conversions Part 2

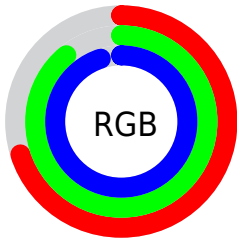
Format	Color
R _Y B	179, 207, 243
Decimal	11789555
CIE Lab	87.75, -12.38, -12.45
CIE LCh	88, 17.563, 225.166
Yxy	71.5416, 0.2725, 0.3119
Android (android.graphics.Color)	4289979635 (0xFFB3E4F3)
YUV	215.0590, 13.7749, -31.6237
Hunter-Lab	84.5823, -16.1117, -7.6146

Details

The Yxy color **71.5416, 0.2725, 0.3119** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.8752, 0.3653, 0.3454**, and the grayscale version is **67.9148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **37.8350, 0.2636, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **65.8194, 0.2582, 0.3044**, and if you desaturate by 10%, it is **77.8829, 0.2875, 0.3189**.

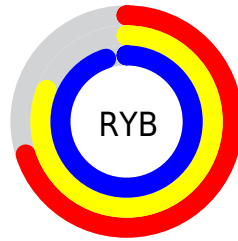
Distribution



Red (70%)

Green (89%)

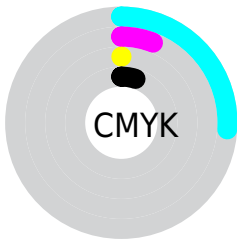
Blue (95%)



Red (70%)

Yellow (81%)

Blue (95%)

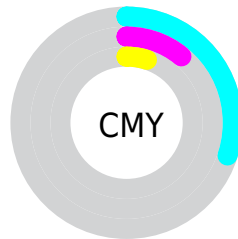


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (30%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5416, 0.2725, 0.3119 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 71.5416, 0.2725, 0.3119 by changing the saturation by 10% instead.

 71.5416, 0.2725,
0.3119

 71.5416, 0.2725,
0.3119

465.9445, 0.2909,
0.3201

 52.7843, 0.2683,
0.3100

 121.4046, 0.2788,
0.3148

 37.6306, 0.2632,
0.3075

153.2791, 0.2813,
0.3159

 25.6961, 0.2568,
0.3044


190.2947, 0.2835,
0.3169

 16.5964, 0.2485,
0.3003

232.8359, 0.2853,
0.3177

 9.9472, 0.2374,
0.2945

281.2871, 0.2870,
0.3184

 5.3640, 0.2217,
0.2859

336.0327, 0.2884,

 2.4624, 0.1980,

0.3190

0.2720

397.4570, 0.2897,
0.3196

0.8577, 0.1490,
0.2491

0.0000, 0.0000,
0.0000

71.5416, 0.2725,
0.3119

71.5416, 0.2725,
0.3119

65.8194, 0.2582,
0.3044

77.8829, 0.2875,
0.3189

60.6799, 0.2450,
0.2964

84.8606, 0.3029,
0.3253

56.0958, 0.2332,
0.2880

92.5015, 0.3183,
0.3310

52.0336, 0.2230,
0.2794

96.5933, 0.3200,
0.3365

■ 48.4558, 0.2147,
0.2706

■ 99.2526, 0.3197,
0.3405

■ 45.3183, 0.2085,
0.2619

■ 42.5664, 0.2041,
0.2532

■ 41.6314, 0.2028,
0.2501

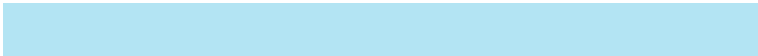
Harmonies

Analogous

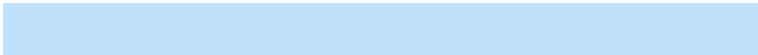
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5416, 0.2801, 0.3310



71.5416, 0.2725, 0.3119



71.5416, 0.2751, 0.2984

Triad

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



71.5416, 0.2725, 0.3119



71.5416, 0.3285, 0.3090



71.5416, 0.3376, 0.3664

Complementary

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



71.5416, 0.2725, 0.3119



60.8752, 0.3653, 0.3454

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.



71.5416, 0.3515, 0.3588



71.5416, 0.2725, 0.3119



71.5416, 0.3462, 0.3258

Square

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



71.5416, 0.2725, 0.3119



71.5416, 0.3069, 0.2973



71.5416, 0.3547, 0.3438



71.5416, 0.3174, 0.3635

Rectangle

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



71.5416, 0.2725, 0.3119



71.5416, 0.2824, 0.2940



71.5416, 0.3547, 0.3438



71.5416, 0.3432, 0.3650

Sweetspot

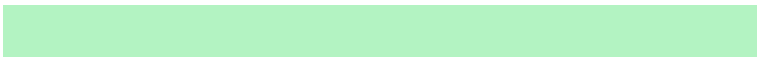
The Sweet Spot groups the original color and five complimentary colors.



71.5445, 0.2725, 0.3119



93.3230, 0.3003, 0.3242



77.5839, 0.3007, 0.3865



19.7176, 0.2980, 0.3233



0.0000, 0.0000, 0.0000



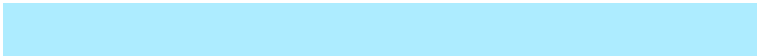
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5445, 0.2725, 0.3119



76.0748, 0.2642, 0.3077



55.5442, 0.2689, 0.2740



18.0612, 0.2980, 0.3233



23.0600, 0.2032, 0.2515



2.1822, 0.2062, 0.2623

Inverse Universe

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



56.8793, 0.3275, 0.2777



57.3502, 0.3315, 0.2664



76.6702, 0.3568, 0.3785



16.6980, 0.3174, 0.3111



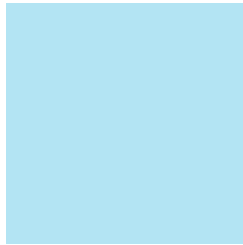
12.4273, 0.3908, 0.1926



1.1079, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 71.5416, 0.2725, 0.3119 looks on a white background.

Color Contrast Check

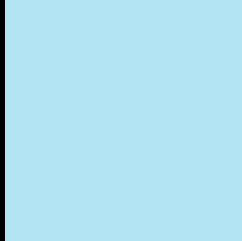
Large Text (above 18pt) WCAG AA × Fail

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 71.5416, 0.2725, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

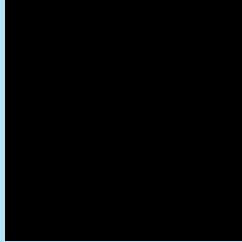
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5416, 0.2725, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 71.5416, 0.2725, 0.3119.

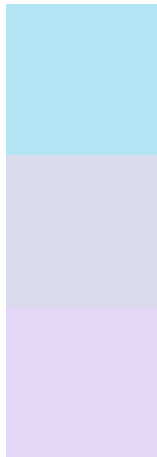


This preview shows how white text looks on a background with the Yxy color 71.5416, 0.2725, 0.3119.

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



Original Color

71.5416, 0.2725, 0.3119

Protanopia

71.1627, 0.3003, 0.3085

Deuteranopia

71.2409, 0.3015, 0.2956



Tritanopia

71.8439, 0.2715, 0.3086

Trichromacy



Original Color

71.5416, 0.2725, 0.3119

Protanomaly

71.3119, 0.2898, 0.3103

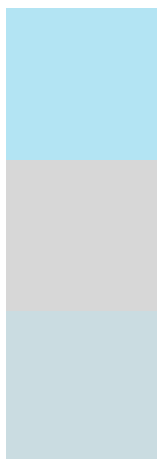
Deuteranomaly

70.9572, 0.2900, 0.3009

Tritanomaly

71.7827, 0.2721, 0.3097

Monochromacy



Original Color

71.5416, 0.2725, 0.3119

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.1792, 0.2970, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5416, 0.2725, 0.3119 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, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(179, 228, 243)  
}
```

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, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 228, 243) }
```

Border

The CSS property to change the border of an element to Yxy 71.5416, 0.2725, 0.3119 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, 228, 243) }
```

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

```
.border{ border-color:rgb(179, 228, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(179, 228,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5416, 0.2725, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 228, 243) }
```

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

```
.background{ background-color: rgb(179,  
228, 243) }
```

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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