

Converting Colors

$Yxy(76.1318, 0.2725, 0.3160)$

Have a look what the booklet for
Yxy(76.1318, 0.2725, 0.3160)
contains.

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Color

Yxy(75.9558, 0.2723, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	B5EBF7
RGB	181, 235, 247
RGB Percent	71%, 92%, 97%
CMY	0.2902, 0.0784, 0.0312
CMYK	0.27, 0.05, 0.00, 0.03
HSL	191°, 81%, 84%
HSV	191°, 27%, 97%
XYZ	65.5555, 75.9558, 99.2361
YIQ	220.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

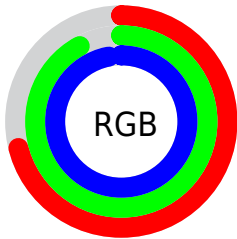
Format	Color
R _Y B	181, 211, 247
Decimal	11922423
CIE Lab	89.84, -14.43, -11.43
CIE LCh	90, 18.411, 218.372
Yxy	75.9558, 0.2723, 0.3155
Android (android.graphics.Color)	4290112503 (0xFFB5EBF7)
YUV	220.2220, 13.2016, -34.3977
Hunter-Lab	87.1526, -18.2508, -6.5035

Details

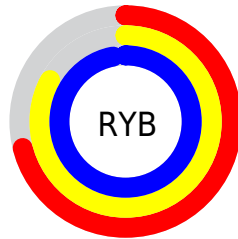
The Yxy color **75.9558, 0.2723, 0.3155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.2707, 0.3673, 0.3420**, and the grayscale version is **71.6597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **40.4374, 0.2628, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **70.6866, 0.2585, 0.3097**, and if you desaturate by 10%, it is **81.8259, 0.2870, 0.3209**.

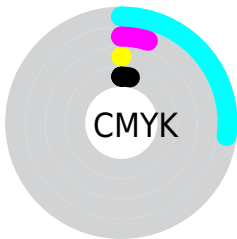
Distribution



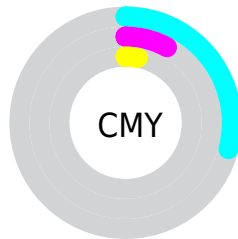
- Red (71%)
- Green (92%)
- Blue (97%)



- Red (71%)
- Yellow (83%)
- Blue (97%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9558, 0.2723, 0.3155 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 75.9558, 0.2723, 0.3155 by changing the saturation by 10% instead.

75.9558, 0.2723,
0.3155

75.9558, 0.2723,
0.3155

481.1964, 0.2906,
0.3220

56.3963, 0.2682,
0.3140

127.6644, 0.2786,
0.3178

40.5207, 0.2632,
0.3121

160.5823, 0.2810,
0.3187

27.9448, 0.2570,
0.3096

198.7218, 0.2832,
0.3194

18.2840, 0.2489,
0.3063

242.4672, 0.2850,
0.3201

11.1541, 0.2382,
0.3018

292.2029, 0.2867,
0.3206

6.1706, 0.2233,
0.2950

348.3135, 0.2881,

2.9491, 0.2012,

0.3211

0.2841

411.1832, 0.2894,
0.3216

■ 1.1052, 0.1635,
0.2647

■ 0.0000, 0.0000,
0.0000

■ 75.9558, 0.2723,
0.3155

■ 75.9558, 0.2723,
0.3155

■ 70.6866, 0.2585,
0.3097

■ 81.8259, 0.2870,
0.3209

■ 65.9806, 0.2458,
0.3035

■ 88.3141, 0.3023,
0.3259

■ 61.8099, 0.2347,
0.2971

■ 95.4288, 0.3177,
0.3304

■ 58.1401, 0.2254,
0.2905

■ 98.2390, 0.3174,
0.3347

■ 54.9324, 0.2179,
0.2839

■ 99.4981, 0.3173,
0.3366

■ 52.1411, 0.2125,
0.2772

■ 49.7090, 0.2089,
0.2706

■ 48.9645, 0.2079,
0.2685

Harmonies

Analogous

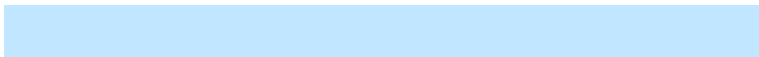
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9558, 0.2824, 0.3357



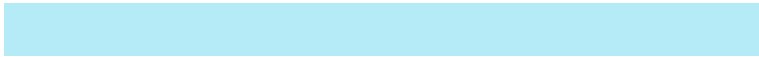
75.9558, 0.2723, 0.3155



75.9558, 0.2726, 0.3000

Triad

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



75.9558, 0.2723, 0.3155



75.9558, 0.3240, 0.3052



75.9558, 0.3423, 0.3666

Complementary

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



75.9558, 0.2723, 0.3155



61.2707, 0.3673, 0.3420

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.



75.9558, 0.3543, 0.3567



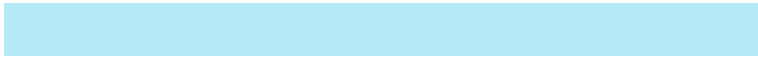
75.9558, 0.2723, 0.3155



75.9558, 0.3437, 0.3215

Square

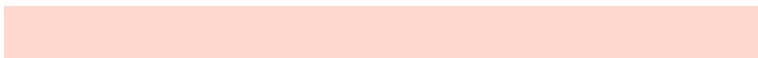
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



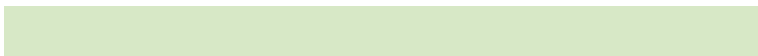
75.9558, 0.2723, 0.3155



75.9558, 0.3018, 0.2948



75.9558, 0.3549, 0.3401



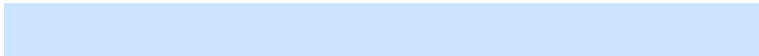
75.9558, 0.3225, 0.3661

Rectangle

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



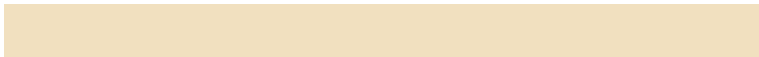
75.9558, 0.2723, 0.3155



75.9558, 0.2786, 0.2941



75.9558, 0.3549, 0.3401



75.9558, 0.3474, 0.3643

Sweetspot

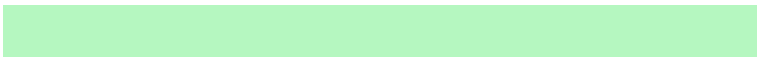
The Sweet Spot groups the original color and five complimentary colors.



75.9589, 0.2723, 0.3155



93.9844, 0.3003, 0.3253



80.1766, 0.3030, 0.3928



19.8851, 0.2980, 0.3246



0.0000, 0.0000, 0.0000



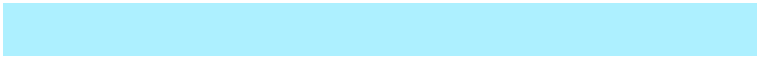
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9589, 0.2723, 0.3155



78.5439, 0.2648, 0.3125



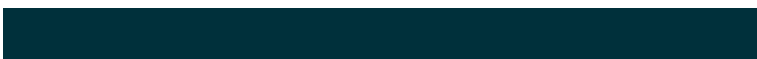
59.2555, 0.2687, 0.2783



18.2139, 0.2980, 0.3246



26.0786, 0.2082, 0.2696



2.4227, 0.2105, 0.2778

Inverse Universe

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



58.8234, 0.3251, 0.2736



57.5995, 0.3281, 0.2625



76.9821, 0.3587, 0.3749



16.7134, 0.3166, 0.3099



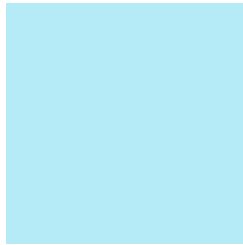
12.7320, 0.3732, 0.1830



1.1322, 0.3655, 0.1787

Previews

White Background



This preview shows how the Yxy color 75.9558, 0.2723, 0.3155 looks on a white background.

Color Contrast Check

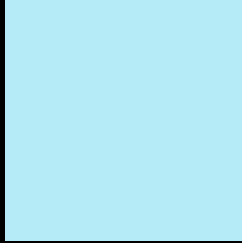
Large Text (above 18pt) WCAG AA × Fail

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 75.9558, 0.2723, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

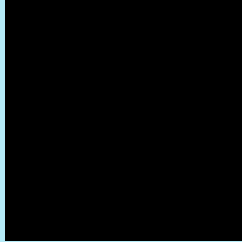
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9558, 0.2723, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 75.9558, 0.2723, 0.3155.

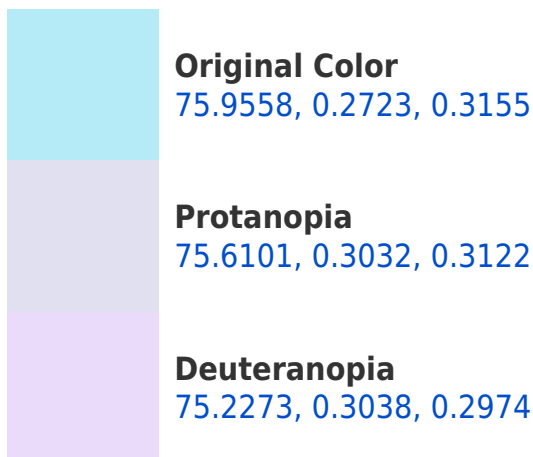


This preview shows how white text looks on a background with the Yxy color 75.9558, 0.2723, 0.3155.

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

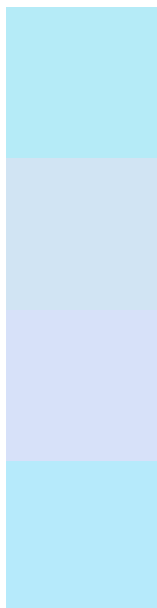




Tritanopia

75.8826, 0.2697, 0.3080

Trichromacy



Original Color

75.9558, 0.2723, 0.3155

Protanomaly

75.5132, 0.2909, 0.3128

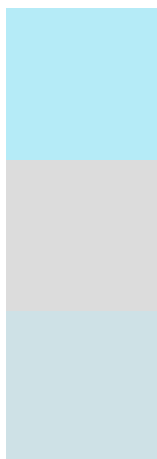
Deuteranomaly

75.1371, 0.2911, 0.3036

Tritanomaly

75.7558, 0.2707, 0.3101

Monochromacy



Original Color

75.9558, 0.2723, 0.3155

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6854, 0.2966, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9558, 0.2723, 0.3155 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(181, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(181, 235, 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(181, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 235, 247) }
```

Border

The CSS property to change the border of an element to Yxy 75.9558, 0.2723, 0.3155 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(181, 235, 247) }
```

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

```
.border{ border-color:rgb(181, 235, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 235, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(181, 235,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9558, 0.2723, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 235, 247) }
```

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

```
.background{ background-color: rgb(181,  
235, 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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