

Converting Colors

$Yxy(76.2695, 0.2735, 0.3244)$

Have a look what the booklet for
Yxy(76.2695, 0.2735, 0.3244)
contains.

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Color

Yxy(76.2664, 0.2735, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	B1EDF1
RGB	177, 237, 241
RGB Percent	69%, 93%, 95%
CMY	0.3056, 0.0706, 0.0550
CMYK	0.27, 0.02, 0.00, 0.05
HSL	184°, 70%, 82%
HSV	184°, 27%, 95%
XYZ	64.2998, 76.2664, 94.5337
YIQ	219.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

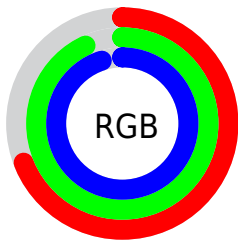
Format	Color
R _Y B	177, 208, 241
Decimal	11660785
CIE Lab	89.98, -17.89, -8.07
CIE LCh	90, 19.629, 204.270
Yxy	76.2664, 0.2735, 0.3244
Android (android.graphics.Color)	4289850865 (0xFFB1EDF1)
YUV	219.5160, 10.5916, -37.2865
Hunter-Lab	87.3306, -21.4026, -3.0488

Details

The Yxy color **76.2664, 0.2735, 0.3244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.9395, 0.3688, 0.3335**, and the grayscale version is **71.1685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **40.6881, 0.2644, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **72.8178, 0.2606, 0.3224**, and if you desaturate by 10%, it is **80.2281, 0.2876, 0.3262**.

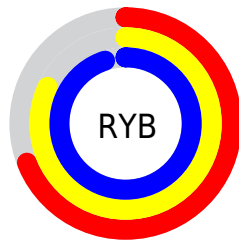
Distribution



Red (69%)

Green (93%)

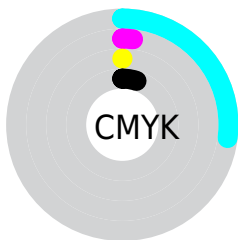
Blue (95%)



Red (69%)

Yellow (82%)

Blue (95%)

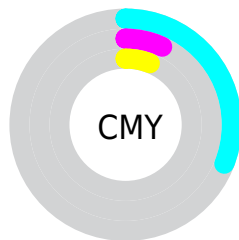


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (31%)


Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2664, 0.2735, 0.3244 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 76.2664, 0.2735, 0.3244 by changing the saturation by 10% instead.


 76.2664, 0.2735,
0.3244

 76.2664, 0.2735,
0.3244


482.2591, 0.2913,
0.3268

 56.6510, 0.2695,
0.3238


 128.1034, 0.2796,
0.3253

 40.7251, 0.2647,
0.3230


161.0938, 0.2820,
0.3256

 28.1043, 0.2586,
0.3220


199.3113, 0.2841,
0.3259

 18.4043, 0.2507,
0.3206

243.1403, 0.2859,
0.3261

 11.2407, 0.2403,
0.3185

292.9651, 0.2875,
0.3263

 6.2289, 0.2256,
0.3153

349.1703, 0.2889,

 2.9848, 0.2038,

0.3265

412.1402, 0.2901,
0.3267

0.3097

1.1238, 0.1637,
0.2998

0.0000, 0.0000,
0.0000

76.2664, 0.2735,
0.3244

76.2664, 0.2735,
0.3244

72.8178, 0.2606,
0.3224

80.2281, 0.2876,
0.3262

69.8468, 0.2492,
0.3204

84.7182, 0.3026,
0.3280

67.3278, 0.2395,
0.3183

89.7623, 0.3182,
0.3295

65.2291, 0.2317,
0.3162

91.7129, 0.3218,
0.3310

63.5145, 0.2259,
0.3140

92.6156, 0.3217,
0.3324

62.1419, 0.2220,
0.3119

93.5257, 0.3216,
0.3339

61.0585, 0.2198,
0.3098

94.4432, 0.3214,
0.3353

60.7202, 0.2192,
0.3091

95.3681, 0.3213,
0.3368

96.3005, 0.3212,
0.3382

Harmonies

Analogous

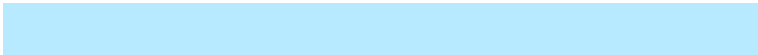
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2664, 0.2887, 0.3463



76.2664, 0.2735, 0.3244



76.2664, 0.2685, 0.3049

Triad

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



76.2664, 0.2735, 0.3244



76.2664, 0.3135, 0.2976



76.2664, 0.3516, 0.3652

Complementary

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



76.2664, 0.2735, 0.3244



54.9395, 0.3688, 0.3335

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.



76.2664, 0.3590, 0.3506



76.2664, 0.2735, 0.3244



76.2664, 0.3366, 0.3123

Square

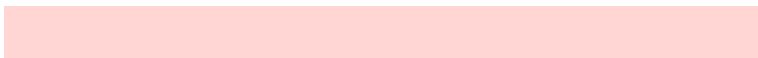
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2664, 0.2735, 0.3244



76.2664, 0.2910, 0.2905



76.2664, 0.3535, 0.3314



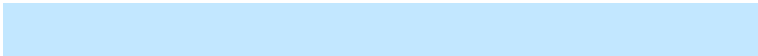
76.2664, 0.3337, 0.3703

Rectangle

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



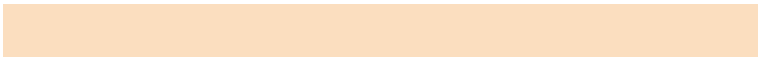
76.2664, 0.2735, 0.3244



76.2664, 0.2715, 0.2958



76.2664, 0.3535, 0.3314



76.2664, 0.3554, 0.3612

Sweetspot

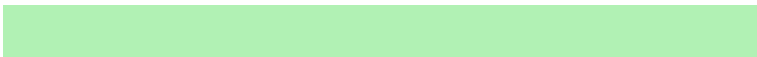
The Sweet Spot groups the original color and five complimentary colors.



76.2695, 0.2735, 0.3244



95.5256, 0.3003, 0.3277



75.5583, 0.3073, 0.4013



20.2760, 0.2980, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

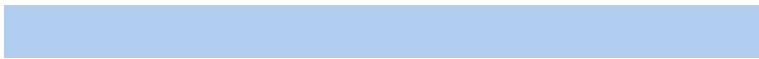
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2695, 0.2735, 0.3244



84.4676, 0.2662, 0.3233



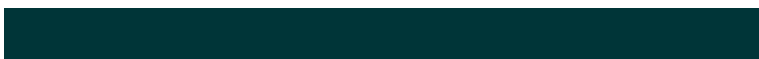
59.7616, 0.2700, 0.2879



17.7503, 0.2981, 0.3275



33.0085, 0.2193, 0.3095



2.7967, 0.2201, 0.3122

Inverse Universe

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



56.2792, 0.3189, 0.2667



58.1975, 0.3204, 0.2537



69.0687, 0.3602, 0.3669



16.0134, 0.3148, 0.3072



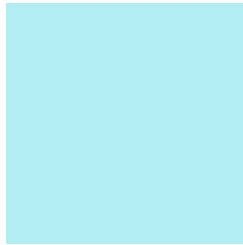
13.1256, 0.3372, 0.1631



1.0970, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 76.2664, 0.2735, 0.3244 looks on a white background.

Color Contrast Check

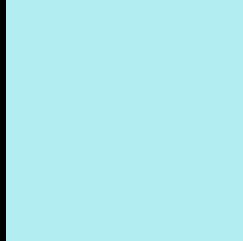
Large Text (above 18pt) WCAG AA × Fail

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 76.2664, 0.2735, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

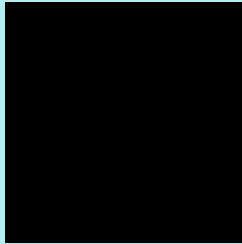
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2664, 0.2735, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 76.2664, 0.2735, 0.3244.

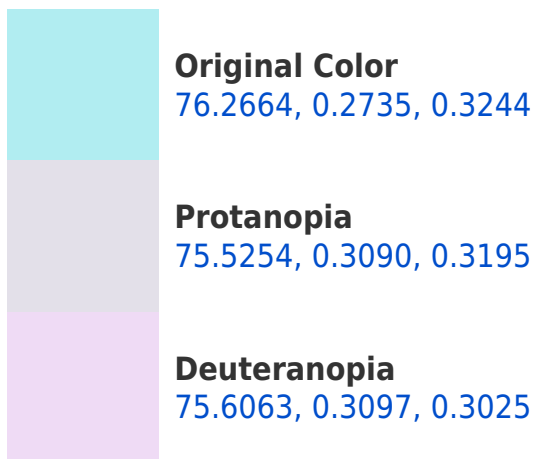


This preview shows how white text looks on a background with the Yxy color 76.2664, 0.2735, 0.3244.

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

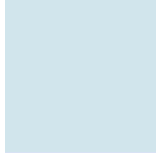
76.2757, 0.2682, 0.3080

Trichromacy



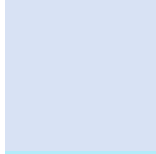
Original Color

76.2664, 0.2735, 0.3244



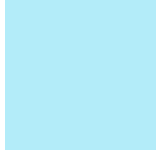
Protanomaly

75.6501, 0.2950, 0.3214



Deuteranomaly

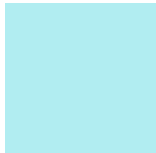
75.5233, 0.2948, 0.3098



Tritanomaly

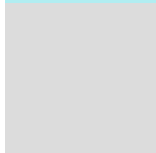
76.4142, 0.2703, 0.3145

Monochromacy



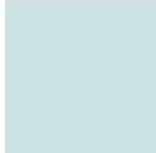
Original Color

76.2664, 0.2735, 0.3244



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

72.8315, 0.2965, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2664, 0.2735, 0.3244 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(177, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(177, 237, 241)  
}
```

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(177, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 237, 241) }
```

Border

The CSS property to change the border of an element to Yxy 76.2664, 0.2735, 0.3244 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(177, 237, 241) }
```

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

```
.border{ border-color:rgb(177, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(177, 237,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2664, 0.2735, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 237, 241) }
```

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

```
.background{ background-color: rgb(177,  
237, 241) }
```

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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