

Converting Colors

Yxy(78.4812, 0.2750, 0.3179)

Have a look what the booklet for
Yxy(78.4812, 0.2750, 0.3179)
contains.

Yxy(78.3655, 0.2749, 0.3179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(78.3655, 0.2749, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	BAEEF8
RGB	186, 238, 248
RGB Percent	73%, 93%, 97%
CMY	0.2707, 0.0666, 0.0274
CMYK	0.25, 0.04, 0.00, 0.03
HSL	190°, 82%, 85%
HSV	190°, 25%, 97%
XYZ	67.7656, 78.3655, 100.3788
YIQ	223.5920, -34.2020, -7.9140

Conversions

Conversions Part 2

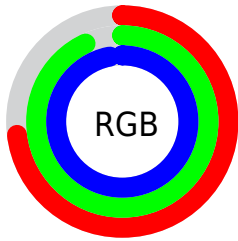
Format	Color
R _Y B	186, 214, 248
Decimal	12250872
CIE Lab	90.95, -14.30, -10.26
CIE LCh	91, 17.600, 215.663
Yxy	78.3655, 0.2749, 0.3179
Android (android.graphics.Color)	4290440952 (0xFFBAEEF8)
YUV	223.5920, 12.0331, -32.9682
Hunter-Lab	88.5243, -18.2753, -5.2627

Details

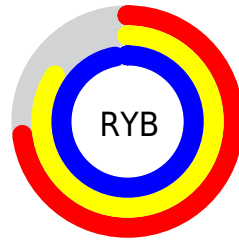
The Yxy color **78.3655, 0.2749, 0.3179** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9814, 0.3632, 0.3398**, and the grayscale version is **74.1655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **42.0870, 0.2661, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **73.2221, 0.2611, 0.3128**, and if you desaturate by 10%, it is **84.1061, 0.2896, 0.3226**.

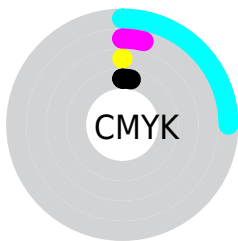
Distribution



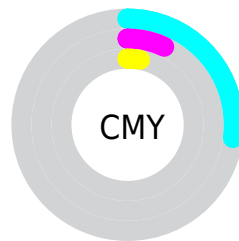
- Red (73%)
- Green (93%)
- Blue (97%)



- Red (73%)
- Yellow (84%)
- Blue (97%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3655, 0.2749, 0.3179 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 78.3655, 0.2749, 0.3179 by changing the saturation by 10% instead.

■ 78.3655, 0.2749,
0.3179

■ 78.3655, 0.2749,
0.3179

489.4072, 0.2920,
0.3232

■ 58.3743, 0.2711,
0.3166

■ 131.0652, 0.2807,
0.3198

■ 42.1096, 0.2665,
0.3151

164.5425, 0.2830,
0.3205

■ 29.1871, 0.2607,
0.3131

203.2840, 0.2850,
0.3211

■ 19.2224, 0.2533,
0.3104

247.6740, 0.2867,
0.3217

■ 11.8311, 0.2434,
0.3067

298.0969, 0.2883,
0.3221

■ 6.6288, 0.2297,
0.3012

354.9371, 0.2896,

■ 3.2310, 0.2095,

0.3225

0.2923

418.5791, 0.2909,
0.3229

1.2535, 0.1768,
0.2761

0.1048, 0.0000,
0.1119

78.3655, 0.2749,
0.3179

78.3655, 0.2749,
0.3179

73.2221, 0.2611,
0.3128

84.1061, 0.2896,
0.3226

68.6384, 0.2484,
0.3075

90.4607, 0.3049,
0.3270

64.5866, 0.2373,
0.3018

96.4214, 0.3171,
0.3309

61.0331, 0.2279,
0.2961

98.9363, 0.3168,
0.3347

■ 57.9396, 0.2204,
0.2902

■ 99.5587, 0.3167,
0.3357

■ 55.2616, 0.2149,
0.2844

■ 52.9445, 0.2113,
0.2786

■ 51.8846, 0.2099,
0.2758

Harmonies

Analogous

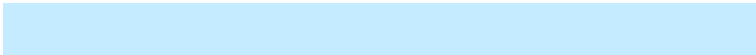
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3655, 0.2853, 0.3371



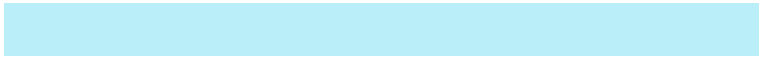
78.3655, 0.2749, 0.3179



78.3655, 0.2743, 0.3026

Triad

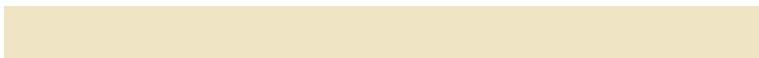
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3655, 0.2749, 0.3179



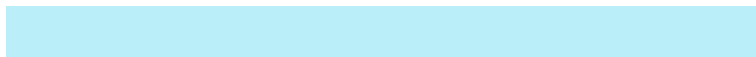
78.3655, 0.3215, 0.3053



78.3655, 0.3421, 0.3640

Complementary

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



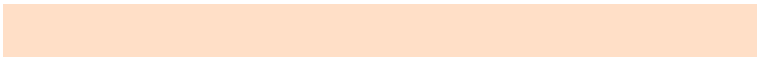
78.3655, 0.2749, 0.3179



62.9814, 0.3632, 0.3398

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.



78.3655, 0.3526, 0.3540



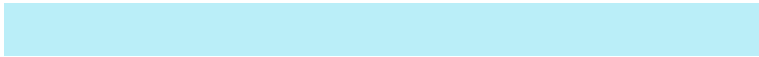
78.3655, 0.2749, 0.3179



78.3655, 0.3406, 0.3204

Square

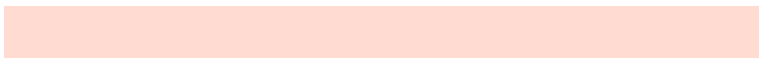
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3655, 0.2749, 0.3179



78.3655, 0.3006, 0.2961



78.3655, 0.3521, 0.3380



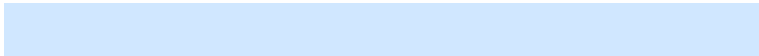
78.3655, 0.3239, 0.3646

Rectangle

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



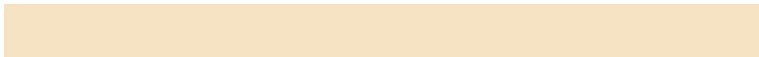
78.3655, 0.2749, 0.3179



78.3655, 0.2794, 0.2965



78.3655, 0.3521, 0.3380



78.3655, 0.3467, 0.3616

Sweetspot

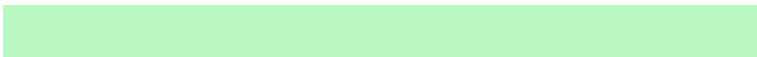
The Sweet Spot groups the original color and five complimentary colors.



78.3687, 0.2749, 0.3179



94.2511, 0.3003, 0.3257



81.5383, 0.3042, 0.3894



19.9527, 0.2980, 0.3251



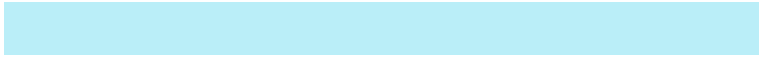
0.0000, 0.0000, 0.0000



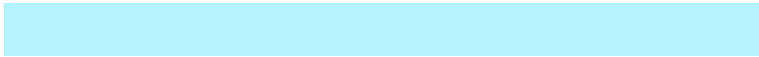
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3687, 0.2749, 0.3179



80.6371, 0.2678, 0.3154



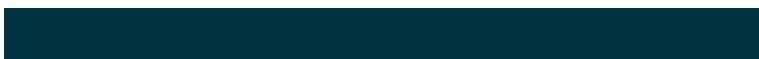
62.1774, 0.2718, 0.2832



19.1034, 0.2980, 0.3251



28.1970, 0.2102, 0.2767



2.7349, 0.2121, 0.2836

Inverse Universe

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



61.2425, 0.3232, 0.2760



59.7502, 0.3257, 0.2652



78.0648, 0.3556, 0.3709



17.4736, 0.3163, 0.3093



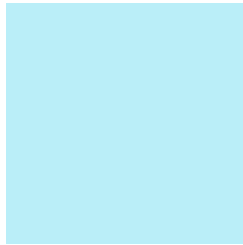
13.2574, 0.3665, 0.1793



1.2403, 0.3602, 0.1758

Previews

White Background



This preview shows how the Yxy color 78.3655, 0.2749, 0.3179 looks on a white background.

Color Contrast Check

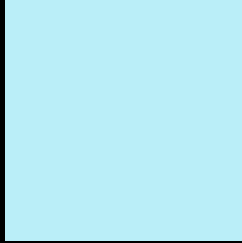
Large Text (above 18pt) WCAG AA × Fail

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 78.3655, 0.2749, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

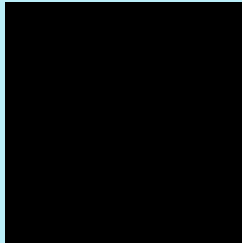
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3655, 0.2749, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 78.3655, 0.2749, 0.3179.

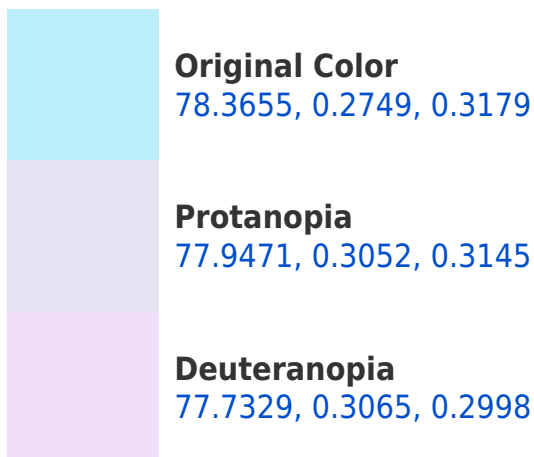


This preview shows how white text looks on a background with the Yxy color 78.3655, 0.2749, 0.3179.

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

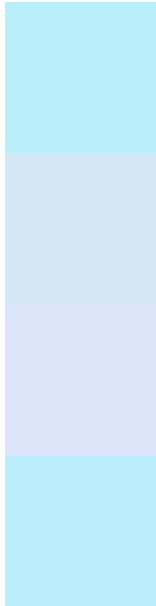




Tritanopia

78.6072, 0.2729, 0.3094

Trichromacy



Original Color

78.3655, 0.2749, 0.3179

Protanomaly

77.8296, 0.2929, 0.3151

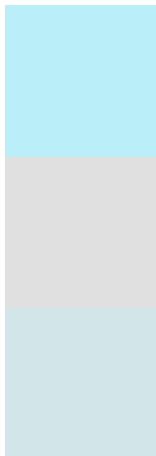
Deuteranomaly

77.6046, 0.2938, 0.3060

Tritanomaly

78.2880, 0.2739, 0.3126

Monochromacy



Original Color

78.3655, 0.2749, 0.3179

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.6235, 0.2975, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3655, 0.2749, 0.3179 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(186, 238, 248)` looks like.

```
.text, #text, p{  
    color:rgb(186, 238, 248)  
}
```

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(186, 238, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 238, 248) }
```

Border

The CSS property to change the border of an element to Yxy 78.3655, 0.2749, 0.3179 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(186, 238, 248) }
```

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

```
.border{ border-color:rgb(186, 238, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 238, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 238, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 238, 248);  
box-shadow:4px 4px 4px 4px rgb(186, 238,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3655, 0.2749, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 238, 248) }
```

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

```
.background{ background-color: rgb(186,  
238, 248) }
```

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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