

Converting Colors

$Y_{xy}(74.7590, 0.2772, 0.3097)$

Have a look what the booklet for
Yxy(74.7590, 0.2772, 0.3097)
contains.

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Color

Yxy(75.0055, 0.2772, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	BFE7F8
RGB	191, 231, 248
RGB Percent	75%, 91%, 97%
CMY	0.2506, 0.0942, 0.0274
CMYK	0.23, 0.07, 0.00, 0.03
HSL	198°, 80%, 86%
HSV	198°, 23%, 97%
XYZ	67.0262, 75.0055, 99.7655
YIQ	220.9780, -29.2970, -3.1930

Conversions

Conversions Part 2

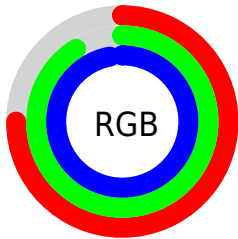
Format	Color
R _Y B	191, 215, 248
Decimal	12576760
CIE Lab	89.40, -9.24, -12.54
CIE LCh	89, 15.577, 233.596
Yxy	75.0055, 0.2772, 0.3102
Android (android.graphics.Color)	4290766840 (0xFFBFE7F8)
YUV	220.9780, 13.3218, -26.2907
Hunter-Lab	86.6057, -13.4147, -7.6752

Details

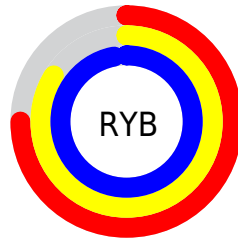
The Yxy color **75.0055, 0.2772, 0.3102** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.9081, 0.3562, 0.3470**, and the grayscale version is **72.2252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.7000, 0.2684, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **67.9899, 0.2622, 0.3007**, and if you desaturate by 10%, it is **82.7481, 0.2926, 0.3189**.

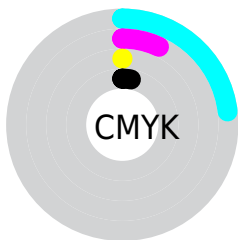
Distribution



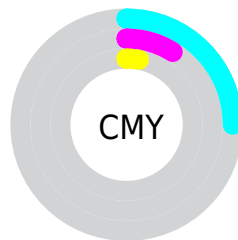
- Red (75%)
- Green (91%)
- Blue (97%)



- Red (75%)
- Yellow (84%)
- Blue (97%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0055, 0.2772, 0.3102 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 75.0055, 0.2772, 0.3102 by changing the saturation by 10% instead.

75.0055, 0.2772,
0.3102

75.0055, 0.2772,
0.3102

477.9365, 0.2934,
0.3190

55.6174, 0.2736,
0.3082

126.3201, 0.2827,
0.3133

39.8962, 0.2691,
0.3056

159.0155, 0.2849,
0.3145

27.4577, 0.2636,
0.3024

196.9153, 0.2868,
0.3155

17.9172, 0.2564,
0.2982

240.4041, 0.2884,
0.3164

10.8906, 0.2468,
0.2923

289.8663, 0.2899,
0.3172

5.9933, 0.2334,
0.2839

345.6861, 0.2912,

2.8410, 0.2132,

0.3179

0.2706

408.2480, 0.2923,
0.3185

1.0493, 0.1798,
0.2472

0.0000, 0.0000,
0.0000

75.0055, 0.2772,
0.3102

75.0055, 0.2772,
0.3102

67.9899, 0.2622,
0.3007

82.7481, 0.2926,
0.3189

61.6627, 0.2479,
0.2906

91.2361, 0.3082,
0.3268

55.9948, 0.2347,
0.2798

98.4503, 0.3169,
0.3340

50.9513, 0.2230,
0.2686

99.5585, 0.3168,
0.3357

■ 46.4929, 0.2131,
0.2572

■ 42.5748, 0.2052,
0.2457

■ 39.1429, 0.1994,
0.2343

■ 36.9596, 0.1962,
0.2264

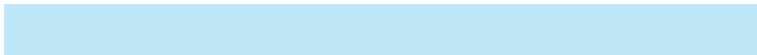
Harmonies

Analogous

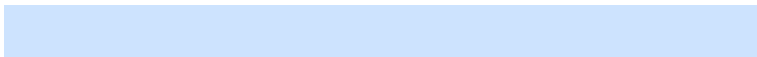
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0055, 0.2815, 0.3259



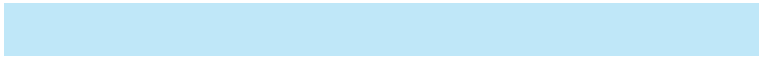
75.0055, 0.2772, 0.3102



75.0055, 0.2821, 0.3002

Triad

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



75.0055, 0.2772, 0.3102



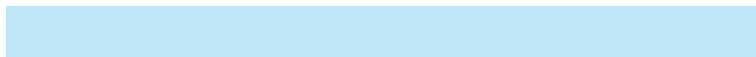
75.0055, 0.3314, 0.3153



75.0055, 0.3299, 0.3618

Complementary

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



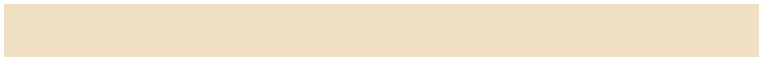
75.0055, 0.2772, 0.3102



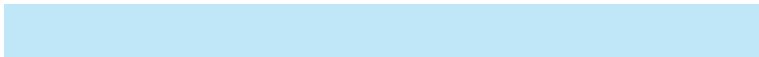
68.9081, 0.3562, 0.3470

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.



75.0055, 0.3440, 0.3578



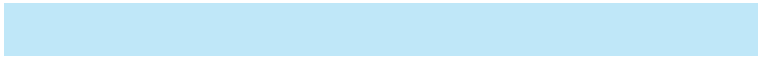
75.0055, 0.2772, 0.3102



75.0055, 0.3449, 0.3307

Square

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



75.0055, 0.2772, 0.3102



75.0055, 0.3130, 0.3035



75.0055, 0.3496, 0.3462



75.0055, 0.3116, 0.3565

Rectangle

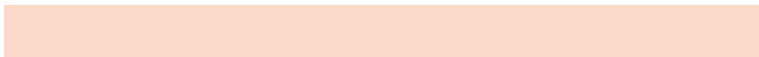
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0055, 0.2772, 0.3102



75.0055, 0.2900, 0.2978



75.0055, 0.3496, 0.3462



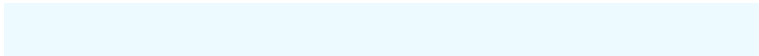
75.0055, 0.3353, 0.3615

Sweetspot

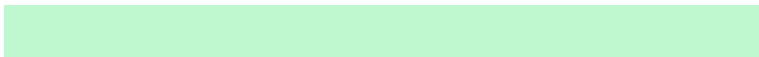
The Sweet Spot groups the original color and five complimentary colors.



75.0085, 0.2772, 0.3102



93.4079, 0.3019, 0.3237



82.7524, 0.3006, 0.3748



19.8755, 0.3009, 0.3232



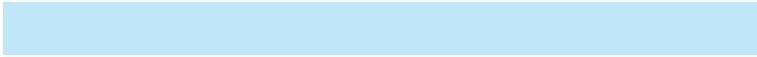
0.0000, 0.0000, 0.0000



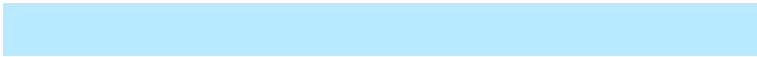
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0085, 0.2772, 0.3102



75.9925, 0.2695, 0.3055



60.7866, 0.2747, 0.2787



18.6797, 0.2980, 0.3217



20.2193, 0.1967, 0.2282



2.0579, 0.2005, 0.2417

Inverse Universe

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



63.0355, 0.3281, 0.2881



61.2939, 0.3324, 0.2787



83.5369, 0.3500, 0.3747



17.4308, 0.3184, 0.3125



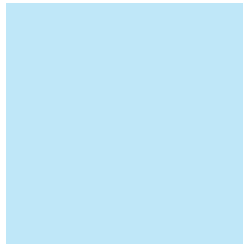
12.4521, 0.4145, 0.2057



1.1720, 0.4006, 0.1981

Previews

White Background



This preview shows how the Yxy color 75.0055, 0.2772, 0.3102 looks on a white background.

Color Contrast Check

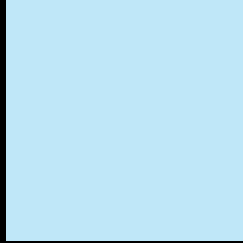
Large Text (above 18pt) WCAG AA × Fail

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 75.0055, 0.2772, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

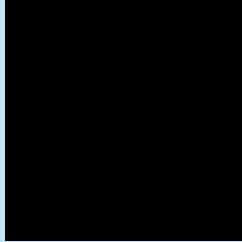
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0055, 0.2772, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 75.0055, 0.2772, 0.3102.

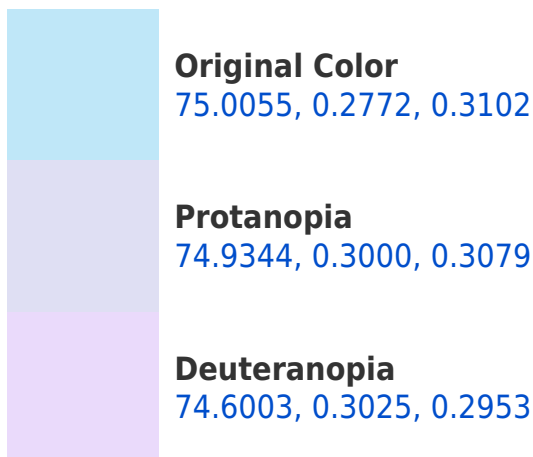


This preview shows how white text looks on a background with the Yxy color 75.0055, 0.2772, 0.3102.

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

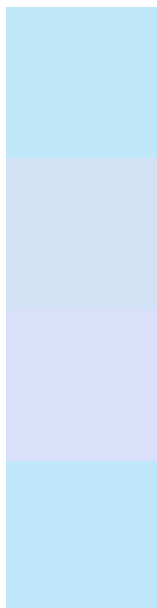




Tritanopia

75.0677, 0.2766, 0.3092

Trichromacy



Original Color

75.0055, 0.2772, 0.3102

Protanomaly

74.8342, 0.2909, 0.3086

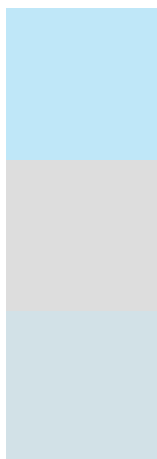
Deuteranomaly

74.5829, 0.2924, 0.3006

Tritanomaly

75.0677, 0.2766, 0.3092

Monochromacy



Original Color

75.0055, 0.2772, 0.3102

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3216, 0.2987, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0055, 0.2772, 0.3102 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(191, 231, 248)` looks like.

```
.text, #text, p{  
    color:rgb(191, 231, 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(191, 231, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 231, 248) }
```

Border

The CSS property to change the border of an element to Yxy 75.0055, 0.2772, 0.3102 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(191, 231, 248) }
```

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

```
.border{ border-color:rgb(191, 231, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 231, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 231, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 231, 248); box-shadow:4px 4px 4px 4px rgb(191, 231, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0055, 0.2772, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 231, 248) }
```

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

```
.background{ background-color: rgb(191,  
231, 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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