

Converting Colors

$Yxy(75.2648, 0.2675, 0.3119)$

Have a look what the booklet for
Yxy(75.2648, 0.2675, 0.3119)
contains.

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Color

Yxy(75.4327, 0.2675, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	AFE8FA
RGB	175, 235, 250
RGB Percent	69%, 92%, 98%
CMY	0.3135, 0.0785, 0.0195
CMYK	0.30, 0.06, 0.00, 0.02
HSL	192°, 88%, 83%
HSV	192°, 30%, 98%
XYZ	64.6531, 75.4327, 101.6082
YIQ	218.7700, -40.5750, -8.0550

Conversions

Conversions Part 2

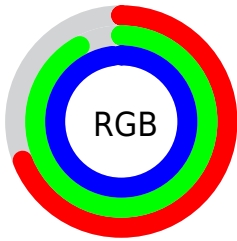
Format	Color
R _Y B	175, 208, 250
Decimal	11529210
CIE Lab	89.60, -15.42, -13.38
CIE LCh	90, 20.418, 220.950
Yxy	75.4327, 0.2675, 0.3121
Android (android.graphics.Color)	4289719290 (0xFFAFEBFA)
YUV	218.7700, 15.3964, -38.3863
Hunter-Lab	86.8520, -19.1145, -8.5670

Details

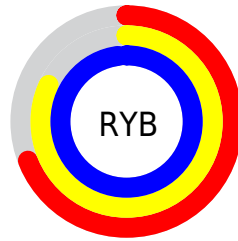
The Yxy color **75.4327, 0.2675, 0.3121** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2854, 0.3756, 0.3452**, and the grayscale version is **70.5923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **40.1283, 0.2570, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **69.9754, 0.2539, 0.3056**, and if you desaturate by 10%, it is **81.5125, 0.2821, 0.3182**.

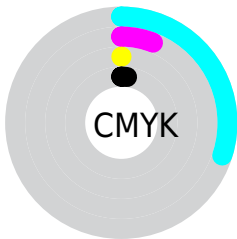
Distribution



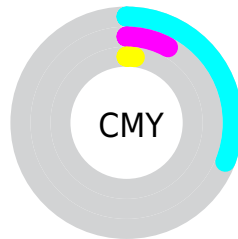
- Red (69%)
- Green (92%)
- Blue (98%)



- Red (69%)
- Yellow (82%)
- Blue (98%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4327, 0.2675, 0.3121 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 75.4327, 0.2675, 0.3121 by changing the saturation by 10% instead.

■ 75.4327, 0.2675,
0.3121

■ 75.4327, 0.2675,
0.3121

■ 479.4035, 0.2880,
0.3202

■ 55.9674, 0.2629,
0.3102

■ 126.9247, 0.2745,
0.3150

■ 40.1768, 0.2574,
0.3078

■ 159.7202, 0.2773,
0.3161

■ 27.6764, 0.2504,
0.3047

■ 197.7279, 0.2796,
0.3170

■ 18.0819, 0.2415,
0.3006

■ 241.3322, 0.2817,
0.3178

■ 11.0088, 0.2297,
0.2950

■ 290.9176, 0.2836,
0.3185

■ 6.0728, 0.2132,
0.2866

■ 346.8683, 0.2852,

■ 2.8894, 0.1890,

0.3192

0.2733

409.5688, 0.2866,
0.3197

1.0743, 0.1474,
0.2500

0.0000, 0.0000,
0.0000

75.4327, 0.2675,
0.3121

75.4327, 0.2675,
0.3121

69.9754, 0.2539,
0.3056

81.5125, 0.2821,
0.3182

65.1013, 0.2415,
0.2986

88.2337, 0.2973,
0.3239

60.7802, 0.2307,
0.2915

95.6254, 0.3127,
0.3290

56.9753, 0.2217,
0.2841

99.6832, 0.3156,
0.3338

■ 53.6444, 0.2146,
0.2767

■ 50.7375, 0.2095,
0.2693

■ 48.1725, 0.2061,
0.2621

■ 48.1684, 0.2061,
0.2620

Harmonies

Analogous

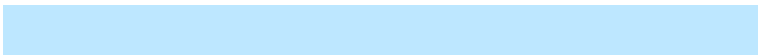
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4327, 0.2777, 0.3344



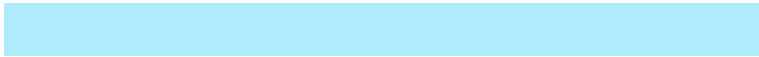
75.4327, 0.2675, 0.3121



75.4327, 0.2688, 0.2956

Triad

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



75.4327, 0.2675, 0.3121



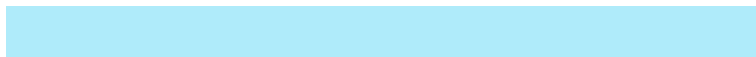
75.4327, 0.3273, 0.3040



75.4327, 0.3439, 0.3712

Complementary

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



75.4327, 0.2675, 0.3121



60.2854, 0.3756, 0.3452

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.



75.4327, 0.3583, 0.3609



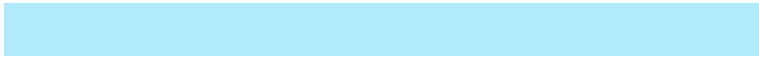
75.4327, 0.2675, 0.3121



75.4327, 0.3487, 0.3223

Square

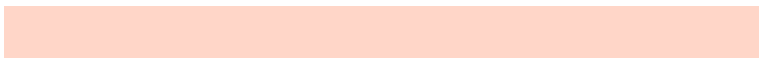
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4327, 0.2675, 0.3121



75.4327, 0.3026, 0.2919



75.4327, 0.3602, 0.3429



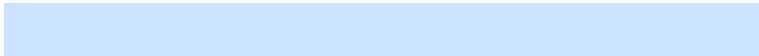
75.4327, 0.3214, 0.3698

Rectangle

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



75.4327, 0.2675, 0.3121



75.4327, 0.2761, 0.2898



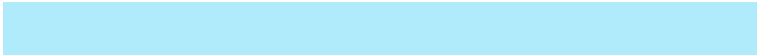
75.4327, 0.3602, 0.3429



75.4327, 0.3499, 0.3689

Sweetspot

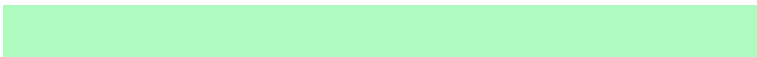
The Sweet Spot groups the original color and five complimentary colors.



75.4357, 0.2675, 0.3121



93.0043, 0.2988, 0.3244



81.2221, 0.3005, 0.3989



19.6763, 0.2965, 0.3236



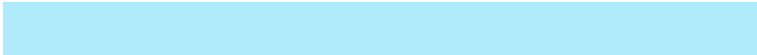
0.0000, 0.0000, 0.0000



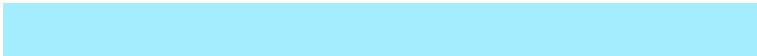
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4357, 0.2675, 0.3121



75.3649, 0.2591, 0.3082



56.2027, 0.2625, 0.2681



18.9828, 0.2980, 0.3241



25.7553, 0.2065, 0.2633



2.5302, 0.2089, 0.2720

Inverse Universe

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



57.0057, 0.3280, 0.2680



53.6166, 0.3319, 0.2557



78.6522, 0.3643, 0.3832



17.4614, 0.3169, 0.3102



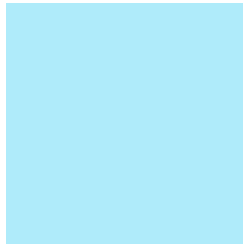
13.0109, 0.3793, 0.1863



1.2196, 0.3709, 0.1817

Previews

White Background



This preview shows how the Yxy color 75.4327, 0.2675, 0.3121 looks on a white background.

Color Contrast Check

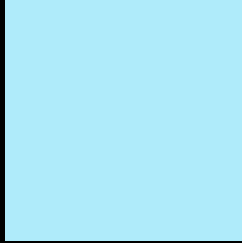
Large Text (above 18pt) WCAG AA × Fail

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 75.4327, 0.2675, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

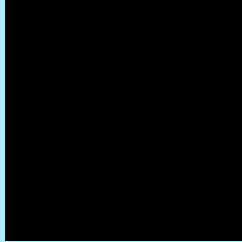
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4327, 0.2675, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 75.4327, 0.2675, 0.3121.

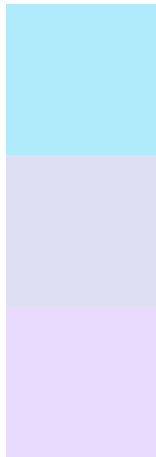


This preview shows how white text looks on a background with the Yxy color 75.4327, 0.2675, 0.3121.

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

75.4327, 0.2675, 0.3121

Protanopia

74.9344, 0.3000, 0.3079

Deuteranopia

75.0785, 0.3005, 0.2943



Tritanopia

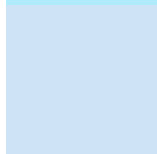
75.1676, 0.2664, 0.3078

Trichromacy



Original Color

75.4327, 0.2675, 0.3121



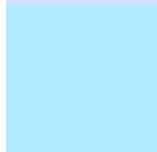
Protanomaly

74.7138, 0.2872, 0.3085



Deuteranomaly

74.8758, 0.2874, 0.3004



Tritanomaly

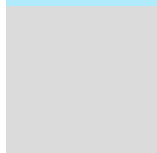
75.1040, 0.2669, 0.3088

Monochromacy



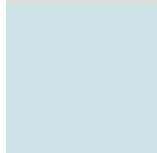
Original Color

75.4327, 0.2675, 0.3121



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.2601, 0.2947, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4327, 0.2675, 0.3121 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(175, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(175, 235, 250)  
}
```

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(175, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 235, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.4327, 0.2675, 0.3121 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(175, 235, 250) }
```

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

```
.border{ border-color:rgb(175, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(175, 235,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4327, 0.2675, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 235, 250) }
```

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

```
.background{ background-color: rgb(175,  
235, 250) }
```

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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