

Converting Colors

$Yxy(75.2347, 0.2624, 0.3109)$

Have a look what the booklet for
Yxy(75.2347, 0.2624, 0.3109)
contains.

Yxy(75.2347, 0.2624, 0.3109)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.2347, 0.2624, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	A7ECFC
RGB	167, 236, 252
RGB Percent	65%, 93%, 99%
CMY	0.3451, 0.0745, 0.0118
CMYK	0.34, 0.06, 0.00, 0.01
HSL	191°, 93%, 82%
HSV	191°, 34%, 99%
XYZ	63.4982, 75.2347, 103.2571
YIQ	217.1930, -46.2600, -9.6520

Conversions

Conversions Part 2

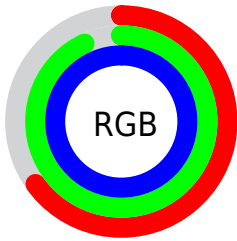
Format	Color
R _{YB}	167, 205, 252
Decimal	11005180
CIE _{Lab}	89.50, -17.66, -14.59
CIE _{LCh}	90, 22.907, 219.573
Yxy	75.2347, 0.2624, 0.3109
Android (android.graphics.Color)	4289195260 (0xFFA7ECFC)
YUV	217.1930, 17.1599, -44.0193
Hunter-Lab	86.7379, -21.1170, -9.8652

Details

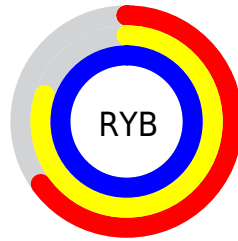
The Yxy color **75.2347, 0.2624, 0.3109** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.3352, 0.3867, 0.3462**, and the grayscale version is **69.4307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **39.9622, 0.2512, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **70.0640, 0.2493, 0.3046**, and if you desaturate by 10%, it is **81.0183, 0.2766, 0.3168**.

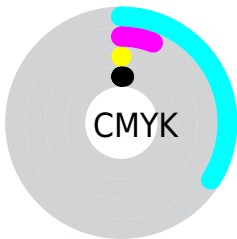
Distribution



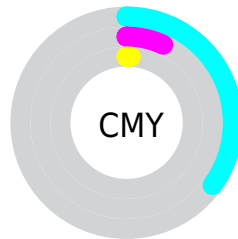
- Red (65%)
- Green (93%)
- Blue (99%)



- Red (65%)
- Yellow (80%)
- Blue (99%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (35%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2347, 0.2624, 0.3109 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 75.2347, 0.2624, 0.3109 by changing the saturation by 10% instead.


 75.2347, 0.2624,
0.3109


 75.2347, 0.2624,
0.3109


 478.7239, 0.2851,
0.3196


 55.8052, 0.2574,
0.3088


 126.6445, 0.2702,
0.3140


 40.0468, 0.2512,
0.3062


 159.3936, 0.2732,
0.3152


 27.5750, 0.2435,
0.3029


 197.3514, 0.2759,
0.3162

 18.0055, 0.2337,
0.2984

 240.9022, 0.2782,
0.3171

 10.9540, 0.2207,
0.2922

 290.4305, 0.2802,
0.3178

 6.0359, 0.2027,
0.2831

 346.3206, 0.2820,

 2.8669, 0.1766,

0.3185

0.2684

408.9569, 0.2837,
0.3191

1.0627, 0.1303,
0.2434

0.0000, 0.0000,
0.0000

75.2347, 0.2624,
0.3109

75.2347, 0.2624,
0.3109

70.0640, 0.2493,
0.3046

81.0183, 0.2766,
0.3168

65.4656, 0.2376,
0.2981

87.4351, 0.2915,
0.3223

61.4075, 0.2277,
0.2913

94.5153, 0.3069,
0.3273

57.8504, 0.2196,
0.2844

99.7786, 0.3145,
0.3318

■ 54.7489, 0.2134,
0.2775

99.8074, 0.3145,
0.3319

■ 52.0477, 0.2092,
0.2707

■ 50.5085, 0.2073,
0.2664

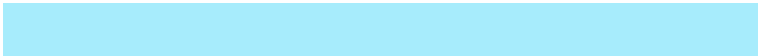
Harmonies

Analogous

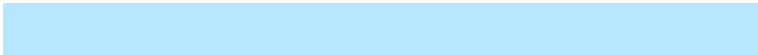
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2347, 0.2743, 0.3362



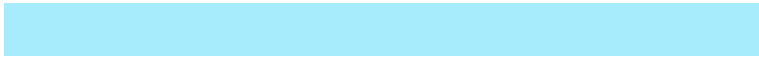
75.2347, 0.2624, 0.3109



75.2347, 0.2633, 0.2922

Triad

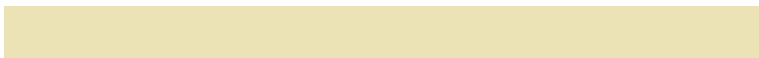
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2347, 0.2624, 0.3109



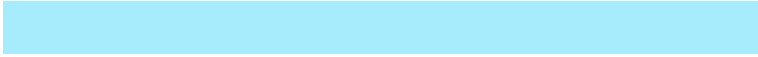
75.2347, 0.3278, 0.3003



75.2347, 0.3486, 0.3762

Complementary

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



75.2347, 0.2624, 0.3109



57.3352, 0.3867, 0.3462

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.



75.2347, 0.3644, 0.3638



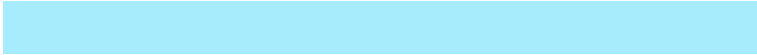
75.2347, 0.2624, 0.3109



75.2347, 0.3522, 0.3204

Square

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



75.2347, 0.2624, 0.3109



75.2347, 0.3000, 0.2871



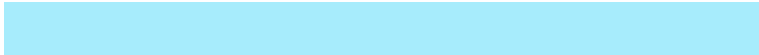
75.2347, 0.3658, 0.3433



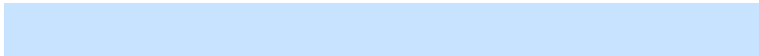
75.2347, 0.3236, 0.3755

Rectangle

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



75.2347, 0.2624, 0.3109



75.2347, 0.2710, 0.2854



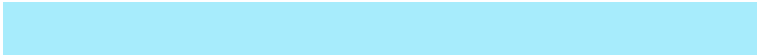
75.2347, 0.3658, 0.3433



75.2347, 0.3552, 0.3733

Sweetspot

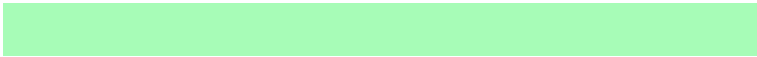
The Sweet Spot groups the original color and five complimentary colors.



75.2377, 0.2624, 0.3109



92.4602, 0.2972, 0.3242



81.2271, 0.2998, 0.4111



19.5755, 0.2951, 0.3235



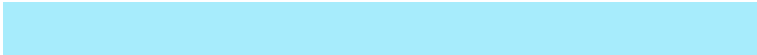
0.0000, 0.0000, 0.0000



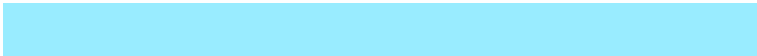
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2377, 0.2624, 0.3109



73.8838, 0.2540, 0.3070



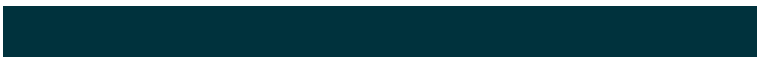
53.7828, 0.2559, 0.2608



19.0213, 0.2980, 0.3244



26.5191, 0.2077, 0.2676



2.5944, 0.2099, 0.2757

Inverse Universe

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



54.3829, 0.3295, 0.2593



50.0886, 0.3335, 0.2466



77.3706, 0.3721, 0.3888



17.4653, 0.3167, 0.3099



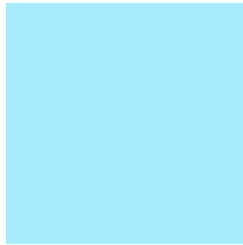
13.0880, 0.3751, 0.1840



1.2261, 0.3674, 0.1798

Previews

White Background



This preview shows how the Yxy color 75.2347, 0.2624, 0.3109 looks on a white background.

Color Contrast Check

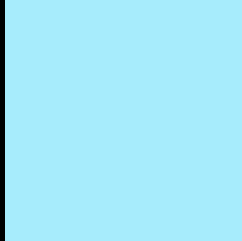
Large Text (above 18pt) WCAG AA × Fail

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 75.2347, 0.2624, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

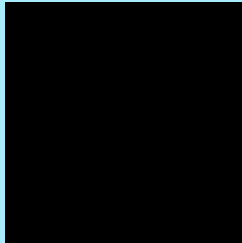
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2347, 0.2624, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 75.2347, 0.2624, 0.3109.

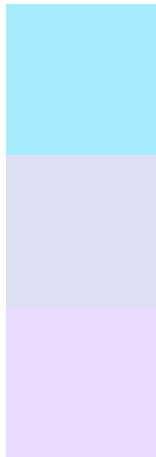


This preview shows how white text looks on a background with the Yxy color 75.2347, 0.2624, 0.3109.

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

75.2347, 0.2624, 0.3109

Protanopia

74.8366, 0.2987, 0.3069

Deuteranopia

74.8720, 0.2979, 0.2922



Tritanopia

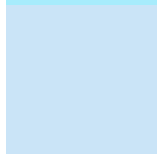
75.5357, 0.2614, 0.3076

Trichromacy



Original Color

75.2347, 0.2624, 0.3109



Protanomaly

74.7588, 0.2841, 0.3084



Deuteranomaly

74.4161, 0.2837, 0.2981



Tritanomaly

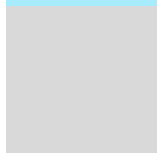
75.4715, 0.2619, 0.3087

Monochromacy



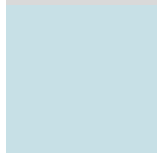
Original Color

75.2347, 0.2624, 0.3109



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.1666, 0.2920, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2347, 0.2624, 0.3109 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(167, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(167, 236, 252)  
}
```

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(167, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 236, 252) }
```

Border

The CSS property to change the border of an element to Yxy 75.2347, 0.2624, 0.3109 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(167, 236, 252) }
```

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

```
.border{ border-color:rgb(167, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(167, 236,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2347, 0.2624, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 236, 252) }
```

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

```
.background{ background-color: rgb(167,  
236, 252) }
```

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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