

Converting Colors

$Yxy(72.5743, 0.2556, 0.3079)$

Have a look what the booklet for
Yxy(72.5743, 0.2556, 0.3079)
contains.

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Color

Yxy(72.7439, 0.2556, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	9AEAFC
RGB	154, 234, 252
RGB Percent	60%, 92%, 99%
CMY	0.3958, 0.0824, 0.0118
CMYK	0.39, 0.07, 0.00, 0.01
HSL	191°, 94%, 80%
HSV	191°, 39%, 99%
XYZ	60.3288, 72.7439, 102.9555
YIQ	212.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

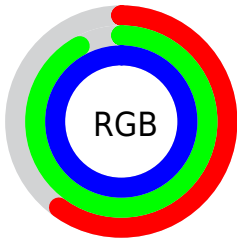
Format	Color
RYB	154, 198, 252
Decimal	10152700
CIELab	88.33, -19.98, -16.43
CIELCh	88, 25.868, 219.436
Yxy	72.7439, 0.2556, 0.3082
Android (android.graphics.Color)	4288342780 (0xFF9AEAFC)
YUV	212.1320, 19.6549, -50.9818
Hunter-Lab	85.2900, -22.9979, -11.8673

Details

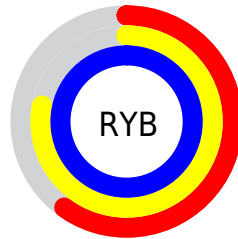
The Yxy color **72.7439, 0.2556, 0.3082** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.5647, 0.4027, 0.3484**, and the grayscale version is **65.8350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **38.3223, 0.2428, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **67.9229, 0.2432, 0.3019**, and if you desaturate by 10%, it is **78.1587, 0.2692, 0.3142**.

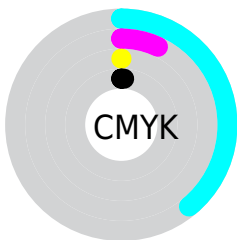
Distribution



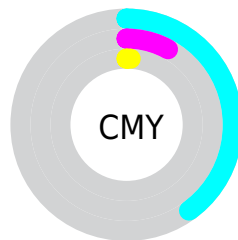
- Red (60%)
- Green (92%)
- Blue (99%)



- Red (60%)
- Yellow (78%)
- Blue (99%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)





- Cyan (40%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7439, 0.2556, 0.3082 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 72.7439, 0.2556, 0.3082 by changing the saturation by 10% instead.


 72.7439, 0.2556,
0.3082

 72.7439, 0.2556,
0.3082


470.1267, 0.2815,
0.3184

 53.7666, 0.2499,
0.3058


 123.1136, 0.2644,
0.3118

 38.4151, 0.2428,
0.3027


 155.2747, 0.2679,
0.3132

 26.3050, 0.2341,
0.2988


192.5993, 0.2709,
0.3144

 17.0520, 0.2229,
0.2935

235.4716, 0.2736,
0.3154

 10.2715, 0.2081,
0.2861

284.2761, 0.2759,
0.3163

 5.5794, 0.1877,
0.2751

339.3972, 0.2779,

 2.5910, 0.1583,

0.3171

0.2573

401.2193, 0.2798,
0.3177

■ 0.9222, 0.0967,
0.2295

■ 0.0000, 0.0000,
0.0000

■ 72.7439, 0.2556,
0.3082

■ 72.7439, 0.2556,
0.3082

■ 67.9229, 0.2432,
0.3019

■ 78.1587, 0.2692,
0.3142

■ 63.6539, 0.2325,
0.2954

■ 84.1891, 0.2838,
0.3197

■ 59.9027, 0.2235,
0.2887

■ 90.8661, 0.2990,
0.3248

■ 56.6273, 0.2165,
0.2820

■ 98.2159, 0.3145,
0.3295

■ 53.7778, 0.2114,
0.2752

99.8083, 0.3144,
0.3319

■ 51.2817, 0.2081,
0.2686

■ 51.0093, 0.2078,
0.2679

Harmonies

Analogous

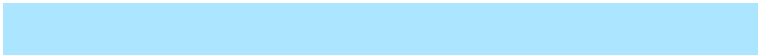
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7439, 0.2690, 0.3372



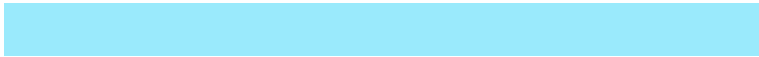
72.7439, 0.2556, 0.3082



72.7439, 0.2566, 0.2870

Triad

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



72.7439, 0.2556, 0.3082



72.7439, 0.3296, 0.2963



72.7439, 0.3537, 0.3829

Complementary

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



72.7439, 0.2556, 0.3082



52.5647, 0.4027, 0.3484

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.



72.7439, 0.3718, 0.3683



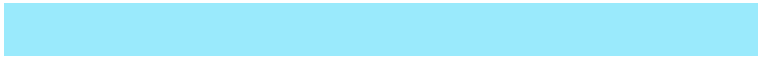
72.7439, 0.2556, 0.3082



72.7439, 0.3577, 0.3190

Square

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



72.7439, 0.2556, 0.3082



72.7439, 0.2980, 0.2815



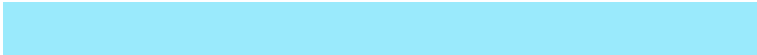
72.7439, 0.3734, 0.3449



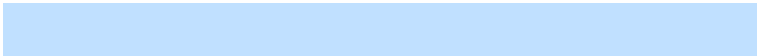
72.7439, 0.3251, 0.3824

Rectangle

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



72.7439, 0.2556, 0.3082



72.7439, 0.2652, 0.2795



72.7439, 0.3734, 0.3449



72.7439, 0.3613, 0.3794

Sweetspot

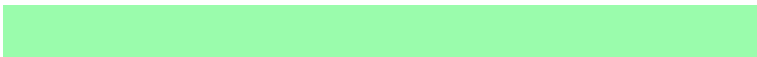
The Sweet Spot groups the original color and five complimentary colors.



72.7467, 0.2556, 0.3082



91.1138, 0.2942, 0.3233



79.4770, 0.2981, 0.4261



19.3079, 0.2922, 0.3226



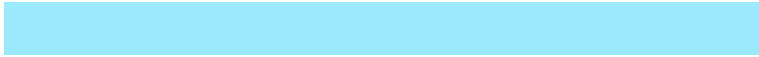
0.0000, 0.0000, 0.0000



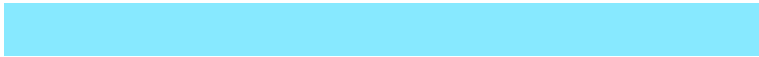
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7467, 0.2556, 0.3082



70.6401, 0.2454, 0.3031



48.6365, 0.2465, 0.2483



19.0339, 0.2980, 0.3245



26.7734, 0.2081, 0.2690



2.6158, 0.2103, 0.2769

Inverse Universe

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



49.7694, 0.3324, 0.2485



44.5109, 0.3377, 0.2326



74.7376, 0.3825, 0.3979



17.4666, 0.3166, 0.3099



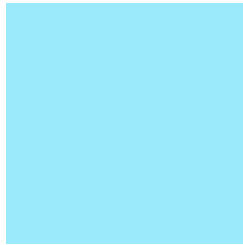
13.1137, 0.3738, 0.1833



1.2283, 0.3663, 0.1792

Previews

White Background



This preview shows how the Yxy color 72.7439, 0.2556, 0.3082 looks on a white background.

Color Contrast Check

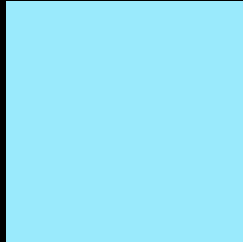
Large Text (above 18pt) WCAG AA × Fail

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 72.7439, 0.2556, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

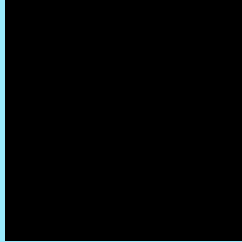
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7439, 0.2556, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 72.7439, 0.2556, 0.3082.

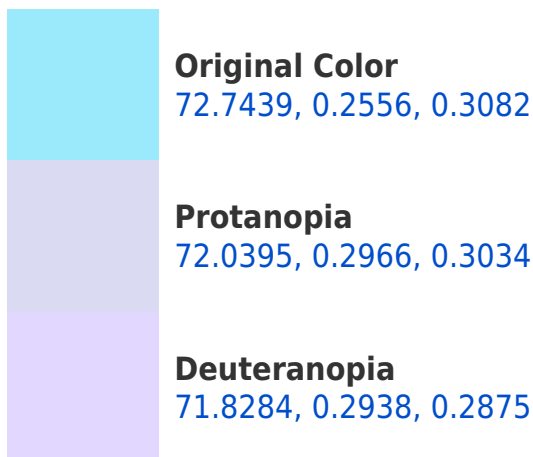


This preview shows how white text looks on a background with the Yxy color 72.7439, 0.2556, 0.3082.

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

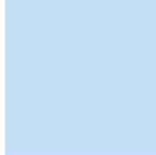
72.8075, 0.2551, 0.3071

Trichromacy



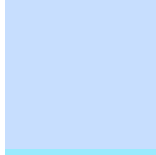
Original Color

72.7439, 0.2556, 0.3082



Protanomaly

71.5672, 0.2801, 0.3047



Deuteranomaly

71.5404, 0.2779, 0.2943



Tritanomaly

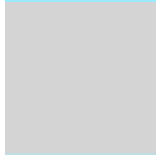
72.8075, 0.2551, 0.3071

Monochromacy



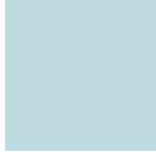
Original Color

72.7439, 0.2556, 0.3082



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.8088, 0.2884, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7439, 0.2556, 0.3082 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(154, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(154, 234, 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(154, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 234, 252) }
```

Border

The CSS property to change the border of an element to Yxy 72.7439, 0.2556, 0.3082 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(154, 234, 252) }
```

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

```
.border{ border-color:rgb(154, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(154, 234,  
252) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7439, 0.2556, 0.3082$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 234, 252) }
```

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

```
.background{ background-color: rgb(154,  
234, 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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