

Converting Colors

$Y_{xy}(79.0225, 0.2534, 0.3179)$

Have a look what the booklet for
Yxy(79.0225, 0.2534, 0.3179)
contains.

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Color

Yxy(78.8207, 0.2534, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	94F5FF
RGB	148, 245, 255
RGB Percent	58%, 96%, 100%
CMY	0.4199, 0.0392, 0.0000
CMYK	0.42, 0.04, 0.00, 0.00
HSL	186°, 100%, 79%
HSV	186°, 42%, 100%
XYZ	62.9076, 78.8207, 106.5259
YIQ	217.1370, -61.0220, -17.4540

Conversions

Conversions Part 2

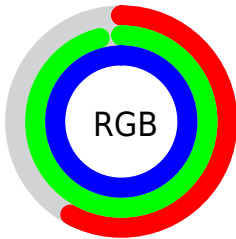
Format	Color
RYB	148, 199, 255
Decimal	9762303
CIELab	91.15, -26.13, -13.80
CIElCh	91, 29.549, 207.840
Yxy	78.8207, 0.2534, 0.3175
Android (android.graphics.Color)	4287952383 (0xFF94F5FF)
YUV	217.1370, 18.6665, -60.6331
Hunter-Lab	88.7810, -28.8870, -8.9937

Details

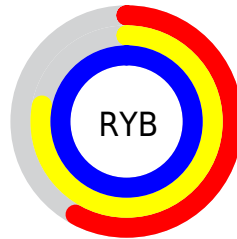
The Yxy color **78.8207, 0.2534, 0.3175** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.8196, 0.4178, 0.3398**, and the grayscale version is **69.3770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **42.1675, 0.2404, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **75.2720, 0.2426, 0.3144**, and if you desaturate by 10%, it is **82.9144, 0.2658, 0.3206**.

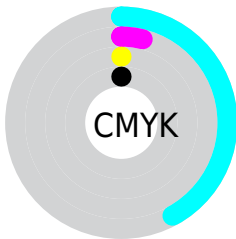
Distribution



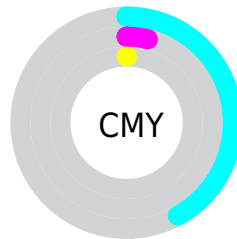
- Red (58%)
- Green (96%)
- Blue (100%)



- Red (58%)
- Yellow (78%)
- Blue (100%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (42%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8207, 0.2534, 0.3175 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 78.8207, 0.2534, 0.3175 by changing the saturation by 10% instead.


 78.8207, 0.2534,
0.3175


 78.8207, 0.2534,
0.3175

490.9496, 0.2799,
0.3234

 58.7484, 0.2476,
0.3160


 131.7064, 0.2624,
0.3196

 42.4106, 0.2405,
0.3142

 165.2886, 0.2659,
0.3204

 29.4230, 0.2318,
0.3118


204.1429, 0.2690,
0.3211

 19.4010, 0.2207,
0.3085

248.6537, 0.2717,
0.3217

 11.9604, 0.2062,
0.3037

299.2054, 0.2741,
0.3222

 6.7167, 0.1866,
0.2966

356.1823, 0.2762,

 3.2856, 0.1586,

0.3226

0.2847

419.9689, 0.2782,
0.3230

■ 1.2826, 0.1105,
0.2645

■ 0.1277, 0.0000,
0.1031

■ 78.8207, 0.2534,
0.3175

■ 78.8207, 0.2534,
0.3175

■ 75.2720, 0.2426,
0.3144

■ 82.9144, 0.2658,
0.3206

■ 72.2291, 0.2335,
0.3112

■ 87.5805, 0.2795,
0.3234

■ 69.6544, 0.2264,
0.3079

■ 92.8496, 0.2942,
0.3261

■ 67.5029, 0.2213,
0.3046

■ 98.7488, 0.3096,
0.3285

■ 65.7204, 0.2180,
0.3014

100.0000, 0.3127,
0.3290

■ 64.4936, 0.2164,
0.2989

Harmonies

Analogous

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



78.8207, 0.2736, 0.3510



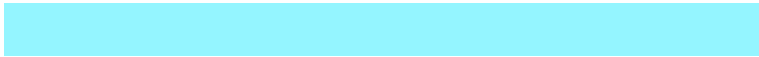
78.8207, 0.2534, 0.3175



78.8207, 0.2483, 0.2898

Triad

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



78.8207, 0.2534, 0.3175



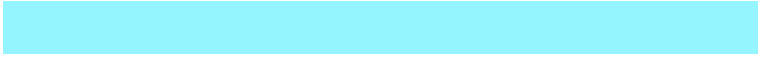
78.8207, 0.3177, 0.2853



78.8207, 0.3678, 0.3842

Complementary

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



78.8207, 0.2534, 0.3175



47.8196, 0.4178, 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.



78.8207, 0.3815, 0.3630



78.8207, 0.2534, 0.3175



78.8207, 0.3518, 0.3074

Square

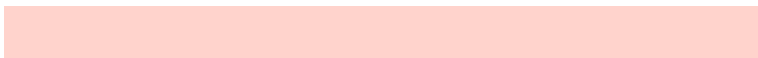
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8207, 0.2534, 0.3175



78.8207, 0.2839, 0.2734



78.8207, 0.3757, 0.3352



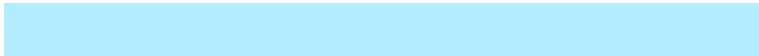
78.8207, 0.3394, 0.3911

Rectangle

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



78.8207, 0.2534, 0.3175



78.8207, 0.2538, 0.2781



78.8207, 0.3757, 0.3352



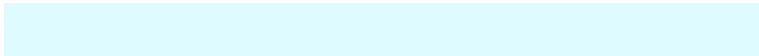
78.8207, 0.3743, 0.3783

Sweetspot

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



78.8222, 0.2534, 0.3175



92.2891, 0.2927, 0.3258



80.2382, 0.3023, 0.4489



19.4963, 0.2894, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

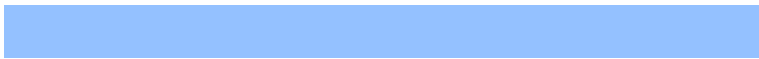
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8222, 0.2534, 0.3175



75.9368, 0.2446, 0.3150



51.4460, 0.2429, 0.2539



20.1746, 0.2980, 0.3267



33.8184, 0.2165, 0.2994



3.3737, 0.2175, 0.3031

Inverse Universe

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



49.0100, 0.3259, 0.2339



43.0459, 0.3289, 0.2175



69.6797, 0.3935, 0.3933



18.2694, 0.3152, 0.3077



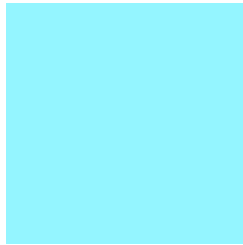
14.1420, 0.3459, 0.1679



1.3851, 0.3427, 0.1662

Previews

White Background



This preview shows how the Yxy color 78.8207, 0.2534, 0.3175 looks on a white background.

Color Contrast Check

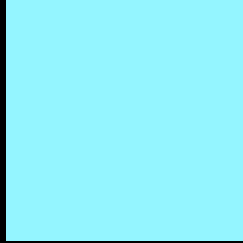
Large Text (above 18pt) WCAG AA × Fail

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 78.8207, 0.2534, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

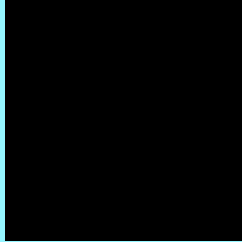
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.8207, 0.2534, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 78.8207, 0.2534, 0.3175.

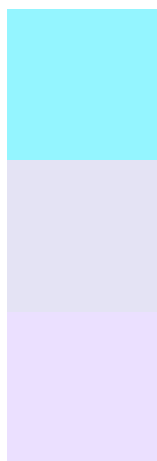


This preview shows how white text looks on a background with the Yxy color 78.8207, 0.2534, 0.3175.

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

78.8207, 0.2534, 0.3175

Protanopia

77.9638, 0.3027, 0.3114

Deuteranopia

78.1935, 0.3006, 0.2977



Tritanopia

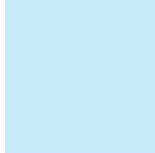
78.5388, 0.2651, 0.3123

Trichromacy



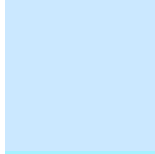
Original Color

78.8207, 0.2534, 0.3175



Protanomaly

77.7651, 0.2821, 0.3138



Deuteranomaly

77.6297, 0.2805, 0.3044



Tritanomaly

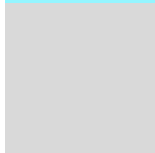
78.7236, 0.2609, 0.3144

Monochromacy



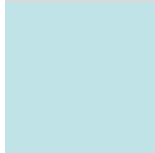
Original Color

78.8207, 0.2534, 0.3175



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.9142, 0.2870, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8207, 0.2534, 0.3175 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(148, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 245, 255)  
}
```

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(148, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 245, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.8207, 0.2534, 0.3175 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(148, 245, 255) }
```

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

```
.border{ border-color:rgb(148, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 245, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 245, 255); box-shadow:4px 4px 4px 4px rgb(148, 245, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8207, 0.2534, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 245, 255) }
```

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

```
.background{ background-color: rgb(148,  
245, 255) }
```

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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