

Converting Colors

$Y_{xy}(79.5019, 0.2565, 0.3277)$

Have a look what the booklet for
Yxy(79.5019, 0.2565, 0.3277)
contains.

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Color

Yxy(79.5019, 0.2565, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	93F7F8
RGB	147, 247, 248
RGB Percent	58%, 97%, 97%
CMY	0.4238, 0.0313, 0.0274
CMYK	0.41, 0.00, 0.00, 0.03
HSL	181°, 88%, 77%
HSV	181°, 41%, 97%
XYZ	62.2284, 79.5019, 100.8755
YIQ	217.2140, -59.9210, -20.8890

Conversions

Conversions Part 2

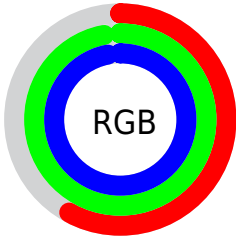
Format	Color
RYB	147, 197, 248
Decimal	9697272
CIELab	91.46, -29.03, -9.69
CIELCh	91, 30.606, 198.466
Yxy	79.5019, 0.2565, 0.3277
Android (android.graphics.Color)	4287887352 (0xFF93F7F8)
YUV	217.2140, 15.1775, -61.5777
Hunter-Lab	89.1638, -31.4597, -4.6630

Details

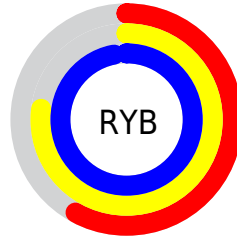
The Yxy color **79.5019, 0.2565, 0.3277** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.2200, 0.4170, 0.3304**, and the grayscale version is **69.4595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **42.7565, 0.2442, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **77.3066, 0.2464, 0.3274**, and if you desaturate by 10%, it is **82.1977, 0.2683, 0.3280**.

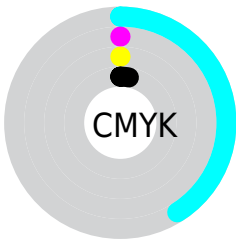
Distribution



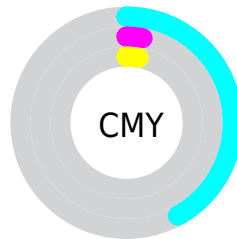
- Red (58%)
- Green (97%)
- Blue (97%)



- Red (58%)
- Yellow (77%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (42%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5019, 0.2565, 0.3277 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 79.5019, 0.2565, 0.3277 by changing the saturation by 10% instead.


 79.5019, 0.2565,
0.3277


 79.5019, 0.2565,
0.3277

493.2526, 0.2816,
0.3288

 59.3086, 0.2510,
0.3273


 132.6652, 0.2651,
0.3282

 42.8616, 0.2442,
0.3268


 166.4039, 0.2684,
0.3284

 29.7765, 0.2359,
0.3260


205.4266, 0.2714,
0.3285

 19.6690, 0.2253,
0.3249

250.1176, 0.2739,
0.3286

 12.1547, 0.2113,
0.3231

300.8613, 0.2762,
0.3287

 6.8491, 0.1922,
0.3201

358.0421, 0.2782,

 3.3679, 0.1649,

0.3287

0.3144

422.0444, 0.2800,
0.3288

■ 1.3267, 0.1143,
0.3050

■ 0.1617, 0.0000,
0.1592

■ 79.5019, 0.2565,
0.3277

■ 79.5019, 0.2565,
0.3277

■ 77.3066, 0.2464,
0.3274

■ 82.1977, 0.2683,
0.3280

■ 75.5704, 0.2381,
0.3270

■ 85.4139, 0.2817,
0.3284


■ 74.2605, 0.2318,
0.3267

■ 89.1806, 0.2962,
0.3287


■ 73.3359, 0.2275,
0.3263


■ 93.5227, 0.3115,
0.3290


 72.7474, 0.2249,
0.3260

 95.3141, 0.3172,
0.3292

 72.4294, 0.2238,
0.3257

 95.4640, 0.3172,
0.3295

 95.6141, 0.3171,
0.3297

 95.7643, 0.3171,
0.3299

 95.9148, 0.3171,
0.3302

Harmonies

Analogous

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



79.5019, 0.2815, 0.3621



79.5019, 0.2565, 0.3277



79.5019, 0.2462, 0.2962

Triad

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



79.5019, 0.2565, 0.3277



79.5019, 0.3064, 0.2789



79.5019, 0.3759, 0.3803

Complementary

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



79.5019, 0.2565, 0.3277



43.2200, 0.4170, 0.3304

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.



79.5019, 0.3842, 0.3554



79.5019, 0.2565, 0.3277



79.5019, 0.3427, 0.2987

Square

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



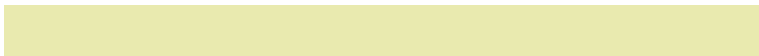
79.5019, 0.2565, 0.3277



79.5019, 0.2736, 0.2705



79.5019, 0.3719, 0.3260



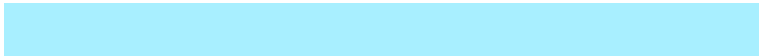
79.5019, 0.3505, 0.3929

Rectangle

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



79.5019, 0.2565, 0.3277



79.5019, 0.2484, 0.2813



79.5019, 0.3719, 0.3260



79.5019, 0.3809, 0.3729

Sweetspot

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



79.5050, 0.2565, 0.3277



94.4599, 0.2943, 0.3286



75.4401, 0.3068, 0.4551



20.1008, 0.2923, 0.3286



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.



79.5050, 0.2565, 0.3277



82.7102, 0.2479, 0.3274



53.1222, 0.2469, 0.2674



19.5776, 0.2980, 0.3287



39.1377, 0.2238, 0.3258



3.6340, 0.2239, 0.3261

Inverse Universe

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



47.5221, 0.3183, 0.2294



44.3799, 0.3193, 0.2113



62.2093, 0.3942, 0.3829



17.5215, 0.3140, 0.3059



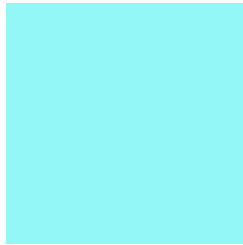
14.3619, 0.3234, 0.1555



1.3311, 0.3231, 0.1553

Previews

White Background



This preview shows how the Yxy color 79.5019, 0.2565, 0.3277 looks on a white background.

Color Contrast Check

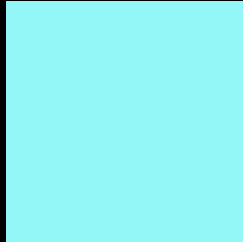
Large Text (above 18pt) WCAG AA × Fail

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 79.5019, 0.2565, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

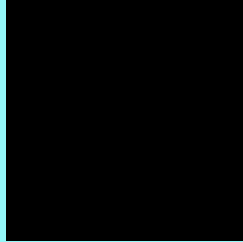
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5019, 0.2565, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 79.5019, 0.2565, 0.3277.

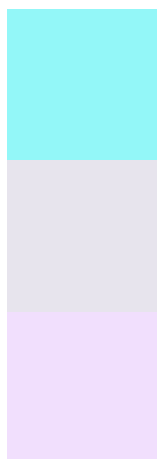


This preview shows how white text looks on a background with the Yxy color 79.5019, 0.2565, 0.3277.

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

79.5019, 0.2565, 0.3277

Protanopia

78.5902, 0.3091, 0.3197

Deuteranopia

78.5680, 0.3059, 0.2989



Tritanopia

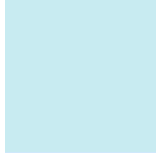
79.0052, 0.2672, 0.3124

Trichromacy



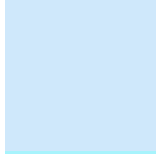
Original Color

79.5019, 0.2565, 0.3277



Protanomaly

78.0469, 0.2867, 0.3224



Deuteranomaly

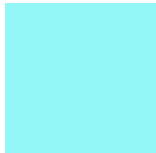
77.9437, 0.2852, 0.3087



Tritanomaly

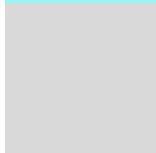
79.3449, 0.2634, 0.3188

Monochromacy



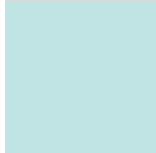
Original Color

79.5019, 0.2565, 0.3277



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.2947, 0.2888, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5019, 0.2565, 0.3277 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(147, 247, 248)` looks like.

```
.text, #text, p{  
    color:rgb(147, 247, 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(147, 247, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 247, 248) }
```

Border

The CSS property to change the border of an element to Yxy 79.5019, 0.2565, 0.3277 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(147, 247, 248) }
```

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

```
.border{ border-color:rgb(147, 247, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 247, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 247, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 247, 248);  
box-shadow:4px 4px 4px 4px rgb(147, 247,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5019, 0.2565, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 247, 248) }
```

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

```
.background{ background-color: rgb(147,  
247, 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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