

Converting Colors

$Yxy(78.8466, 0.2748, 0.3594)$

Have a look what the booklet for
Yxy(78.8466, 0.2748, 0.3594)
contains.

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Color

Yxy(79.0111, 0.2747, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	9EF7DD
RGB	158, 247, 221
RGB Percent	62%, 97%, 87%
CMY	0.3806, 0.0313, 0.1333
CMYK	0.36, 0.00, 0.11, 0.03
HSL	162°, 85%, 79%
HSV	162°, 36%, 97%
XYZ	60.4073, 79.0111, 80.4844
YIQ	217.4250, -44.6980, -26.9540

Conversions

Conversions Part 2

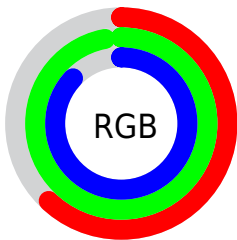
Format	Color
RYB	158, 210, 247
Decimal	10418141
CIELab	91.24, -32.35, 4.06
CIELCh	91, 32.606, 172.845
Yxy	79.0111, 0.2747, 0.3593
Android (android.graphics.Color)	4288608221 (0xFF9EF7DD)
YUV	217.4250, 1.7625, -52.1157
Hunter-Lab	88.8882, -34.2479, 8.5372

Details

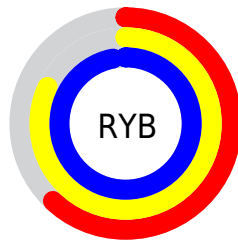
The Yxy color **79.0111, 0.2747, 0.3593** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.6735, 0.3741, 0.3012**, and the grayscale version is **69.7013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **42.4049, 0.2657, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **76.3808, 0.2664, 0.3693**, and if you desaturate by 10%, it is **82.1676, 0.2842, 0.3499**.

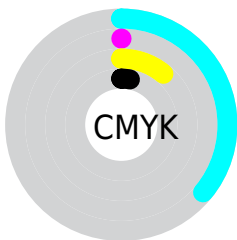
Distribution



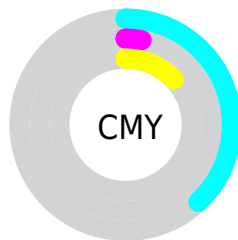
- Red (62%)
- Green (97%)
- Blue (87%)



- Red (62%)
- Yellow (82%)
- Blue (97%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)





- Cyan (38%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0111, 0.2747, 0.3593 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 79.0111, 0.2747, 0.3593 by changing the saturation by 10% instead.


 79.0111, 0.2747,
0.3593

 79.0111, 0.2747,
0.3593


491.5939, 0.2921,
0.3453

 58.9049, 0.2708,
0.3625


 131.9745, 0.2807,
0.3544

 42.5366, 0.2659,
0.3665


 165.6005, 0.2830,
0.3525

 29.5217, 0.2599,
0.3715


204.5019, 0.2851,
0.3509

 19.4758, 0.2520,
0.3781

249.0631, 0.2868,
0.3495

 12.0146, 0.2413,
0.3871

299.6685, 0.2884,
0.3482

 6.7536, 0.2263,
0.4001


356.7025, 0.2898,


 3.3085, 0.2034,


0.3471


0.4204


420.5495, 0.2910,
0.3461


 1.2948, 0.1422,
0.4687


 0.1372, 0.0000,
1.0000


 79.0111, 0.2747,
0.3593


 79.0111, 0.2747,
0.3593


 76.3808, 0.2664,
0.3693


 82.1676, 0.2842,
0.3499

 74.2366, 0.2596,
0.3799

 85.8688, 0.2947,
0.3413

 72.5479, 0.2547,
0.3909

 90.1438, 0.3058,
0.3334

 71.2764, 0.2517,
0.4021

 94.6814, 0.3161,
0.3263

■ 70.3775, 0.2507,
0.4133

■ 95.0082, 0.3131,
0.3214

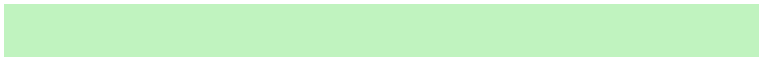
■ 69.7958, 0.2517,
0.4244

■ 69.6200, 0.2524,
0.4287

Harmonies

Analogous

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



79.0111, 0.3102, 0.3882



79.0111, 0.2747, 0.3593



79.0111, 0.2502, 0.3221

Triad

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



79.0111, 0.2747, 0.3593



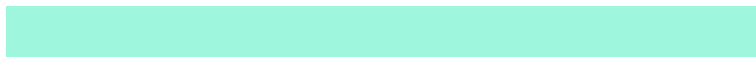
79.0111, 0.2755, 0.2673



79.0111, 0.3891, 0.3612

Complementary

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



79.0111, 0.2747, 0.3593



47.6735, 0.3741, 0.3012

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.



79.0111, 0.3791, 0.3302



79.0111, 0.2747, 0.3593



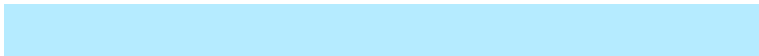
79.0111, 0.3115, 0.2782

Square

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



79.0111, 0.2747, 0.3593



79.0111, 0.2507, 0.2709



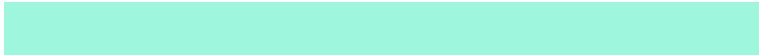
79.0111, 0.3500, 0.3006



79.0111, 0.3771, 0.3865

Rectangle

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



79.0111, 0.2747, 0.3593



79.0111, 0.2427, 0.2994



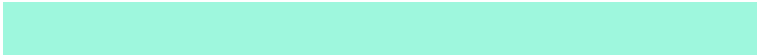
79.0111, 0.3500, 0.3006



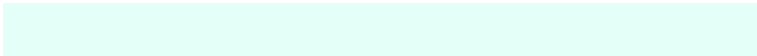
79.0111, 0.3882, 0.3511

Sweetspot

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



79.0143, 0.2747, 0.3593



94.5466, 0.3002, 0.3372



79.2690, 0.3241, 0.4329



20.1045, 0.2987, 0.3383



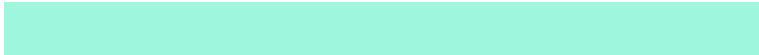
0.0000, 0.0000, 0.0000



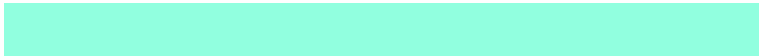
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0143, 0.2747, 0.3593



82.8990, 0.2687, 0.3663



70.1301, 0.2591, 0.3082



18.6705, 0.3020, 0.3360



36.8420, 0.2519, 0.4268



3.2559, 0.2481, 0.4130

Inverse Universe

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



47.6735, 0.3741, 0.3012



44.8064, 0.3920, 0.2958



53.2027, 0.3931, 0.3485



16.5621, 0.3248, 0.3221



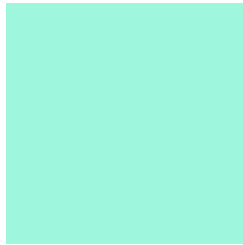
10.7274, 0.5793, 0.2965



0.9600, 0.5438, 0.2770

Previews

White Background



This preview shows how the Yxy color 79.0111, 0.2747, 0.3593 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 79.0111, 0.2747, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

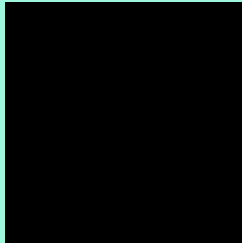
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0111, 0.2747, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 79.0111, 0.2747, 0.3593.

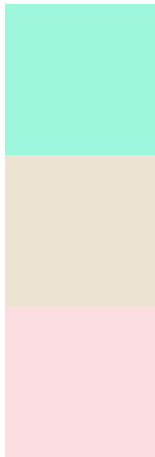


This preview shows how white text looks on a background with the Yxy color 79.0111, 0.2747, 0.3593.

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

79.0111, 0.2747, 0.3593

Protanopia

78.1945, 0.3302, 0.3469

Deuteranopia

77.8993, 0.3316, 0.3240



Tritanopia

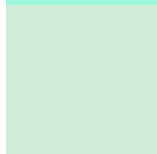
78.7768, 0.2687, 0.3114

Trichromacy



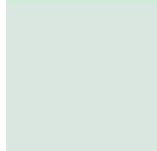
Original Color

79.0111, 0.2747, 0.3593



Protanomaly

77.7329, 0.3070, 0.3510



Deuteranomaly

76.8809, 0.3083, 0.3355



Tritanomaly

78.8596, 0.2708, 0.3278

Monochromacy



Original Color

79.0111, 0.2747, 0.3593



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.2845, 0.2974, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0111, 0.2747, 0.3593 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(158, 247, 221)` looks like.

```
.text, #text, p{  
    color:rgb(158, 247, 221)  
}
```

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(158, 247, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 247, 221) }
```

Border

The CSS property to change the border of an element to Yxy 79.0111, 0.2747, 0.3593 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(158, 247, 221) }
```

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

```
.border{ border-color:rgb(158, 247, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 247, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 247, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 247, 221);  
box-shadow:4px 4px 4px 4px rgb(158, 247,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0111, 0.2747, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 247, 221) }
```

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

```
.background{ background-color: rgb(158,  
247, 221) }
```

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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