

Converting Colors

$Yxy(78.3140, 0.2619, 0.3399)$

Have a look what the booklet for
Yxy(78.3140, 0.2619, 0.3399)
contains.

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Color

Yxy(78.3219, 0.2619, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	94F6ED
RGB	148, 246, 237
RGB Percent	58%, 96%, 93%
CMY	0.4196, 0.0353, 0.0706
CMYK	0.40, 0.00, 0.04, 0.04
HSL	174°, 84%, 77%
HSV	174°, 40%, 96%
XYZ	60.4554, 78.3219, 92.0565
YIQ	215.6720, -55.5190, -23.5750

Conversions

Conversions Part 2

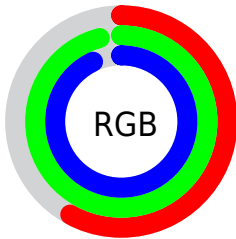
Format	Color
R_{YB}	148, 199, 246
Decimal	9762541
CIE _{Lab}	90.93, -30.89, -4.76
CIE _{LCh}	91, 31.255, 188.760
Yxy	78.3219, 0.2619, 0.3393
Android (android.graphics.Color)	4287952621 (0xFF94F6ED)
YUV	215.6720, 10.5147, -59.3483
Hunter-Lab	88.4997, -32.9385, 0.2769

Details

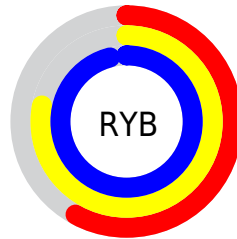
The Yxy color **78.3219, 0.2619, 0.3393** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.2091, 0.4043, 0.3195**, and the grayscale version is **68.3926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **41.9555, 0.2508, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **76.1383, 0.2524, 0.3423**, and if you desaturate by 10%, it is **81.0008, 0.2730, 0.3364**.

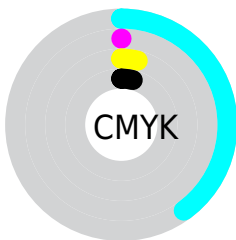
Distribution



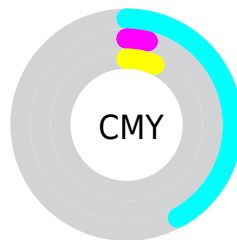
- Red (58%)
- Green (96%)
- Blue (93%)



- Red (58%)
- Yellow (78%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (42%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3219, 0.2619, 0.3393 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 78.3219, 0.2619, 0.3393 by changing the saturation by 10% instead.

 78.3219, 0.2619,
0.3393


 78.3219, 0.2619,
0.3393

489.2593, 0.2848,
0.3349

 58.3384, 0.2568,
0.3402


 131.0038, 0.2697,
0.3379

 42.0808, 0.2506,
0.3413


 164.4710, 0.2728,
0.3373

 29.1646, 0.2428,
0.3426


203.2017, 0.2755,
0.3368

 19.2053, 0.2329,
0.3441

247.5801, 0.2778,
0.3363

 11.8188, 0.2197,
0.3460

297.9906, 0.2799,
0.3359

 6.6204, 0.2014,
0.3484

354.8178, 0.2817,

 3.2258, 0.1746,

0.3355

0.3510

418.4459, 0.2834,
0.3352

1.2507, 0.1140,
0.3603

0.1026, 0.0000,
0.1875

78.3219, 0.2619,
0.3393

78.3219, 0.2619,
0.3393

76.1383, 0.2524,
0.3423

81.0008, 0.2730,
0.3364

74.4096, 0.2447,
0.3454


84.1941, 0.2854,
0.3337

73.1040, 0.2389,
0.3486


87.9312, 0.2988,
0.3312


72.1819, 0.2351,
0.3518


92.2365, 0.3130,
0.3290

 71.5959, 0.2332,
0.3549

 93.9697, 0.3171,
0.3268

 71.2688, 0.2328,
0.3580

 94.1109, 0.3158,
0.3246

 71.2643, 0.2328,
0.3581

 94.2539, 0.3144,
0.3225

 94.3938, 0.3131,
0.3204

Harmonies

Analogous

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



78.3219, 0.2914, 0.3729



78.3219, 0.2619, 0.3393



78.3219, 0.2461, 0.3048

Triad

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



78.3219, 0.2619, 0.3393



78.3219, 0.2944, 0.2734



78.3219, 0.3826, 0.3742

Complementary

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



78.3219, 0.2619, 0.3393



43.2091, 0.4043, 0.3195

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.



78.3219, 0.3843, 0.3464



78.3219, 0.2619, 0.3393



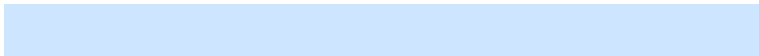
78.3219, 0.3317, 0.2903

Square

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



78.3219, 0.2619, 0.3393



78.3219, 0.2640, 0.2693



78.3219, 0.3652, 0.3163



78.3219, 0.3614, 0.3922

Rectangle

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



78.3219, 0.2619, 0.3393



78.3219, 0.2447, 0.2867



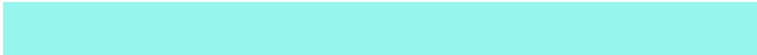
78.3219, 0.3652, 0.3163



78.3219, 0.3855, 0.3656

Sweetspot

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



78.3250, 0.2619, 0.3393



94.4717, 0.2958, 0.3318



75.3014, 0.3127, 0.4497



20.1036, 0.2940, 0.3321



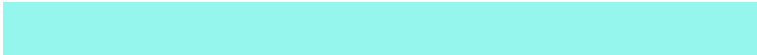
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.3250, 0.2619, 0.3393



82.9914, 0.2539, 0.3418



57.4812, 0.2503, 0.2815



18.7300, 0.2993, 0.3312



38.0479, 0.2327, 0.3576



3.3516, 0.2316, 0.3536

Inverse Universe

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



43.2091, 0.4043, 0.3195



39.9343, 0.4344, 0.3177



57.3592, 0.3962, 0.3715



16.5072, 0.3279, 0.3269



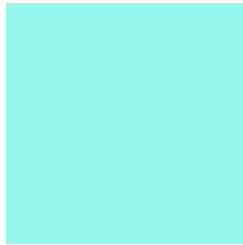
10.4986, 0.6298, 0.3243



0.9309, 0.6078, 0.3122

Previews

White Background



This preview shows how the Yxy color 78.3219, 0.2619, 0.3393 looks on a white background.

Color Contrast Check

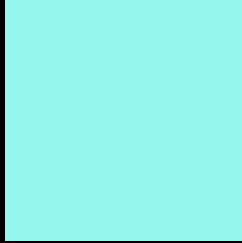
Large Text (above 18pt) WCAG AA × Fail

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 78.3219, 0.2619, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

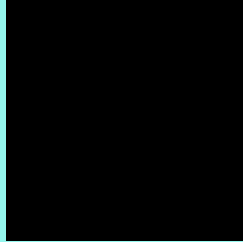
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3219, 0.2619, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 78.3219, 0.2619, 0.3393.

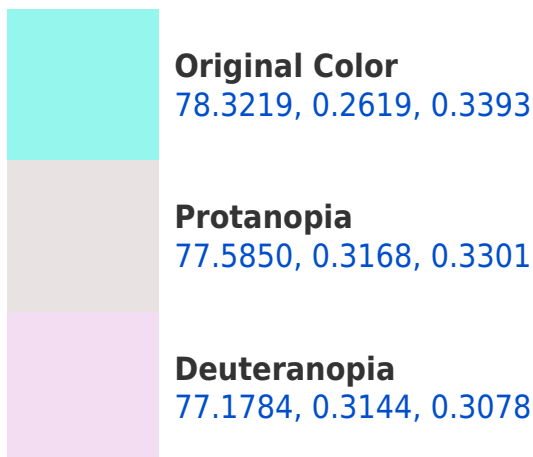


This preview shows how white text looks on a background with the Yxy color 78.3219, 0.2619, 0.3393.

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

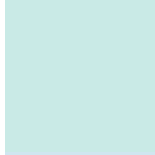
77.8372, 0.2645, 0.3112

Trichromacy



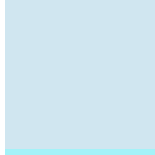
Original Color

78.3219, 0.2619, 0.3393



Protanomaly

76.9763, 0.2936, 0.3334



Deuteranomaly

76.2948, 0.2921, 0.3182



Tritanomaly

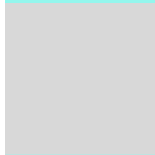
78.1741, 0.2637, 0.3221

Monochromacy



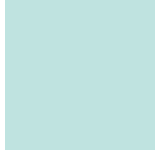
Original Color

78.3219, 0.2619, 0.3393



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.3964, 0.2905, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3219, 0.2619, 0.3393 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, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(148, 246, 237)  
}
```

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, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 246, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.3219, 0.2619, 0.3393 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, 246, 237) }
```

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

```
.border{ border-color:rgb(148, 246, 237) }
```

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

Here you see how a box with a 4 pixel rgb(148, 246, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(148, 246,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3219, 0.2619, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 246, 237) }
```

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

```
.background{ background-color: rgb(148,  
246, 237) }
```

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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