

Converting Colors

$Yxy(78.3236, 0.2553, 0.3883)$

Have a look what the booklet for
Yxy(78.3236, 0.2553, 0.3883)
contains.

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Color

Yxy(78.3494, 0.2553, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	5CFFD0
RGB	92, 255, 208
RGB Percent	36%, 100%, 82%
CMY	0.6387, 0.0000, 0.1844
CMYK	0.64, 0.00, 0.18, 0.00
HSL	163°, 100%, 68%
HSV	163°, 64%, 100%
XYZ	51.5664, 78.3494, 72.0677
YIQ	200.9050, -82.0610, -49.1730

Conversions

Conversions Part 2

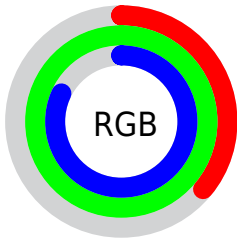
Format	Color
RYB	92, 187, 255
Decimal	6094800
CIELab	90.94, -53.15, 10.08
CIElCh	91, 54.093, 169.260
Yxy	78.3494, 0.2553, 0.3879
Android (android.graphics.Color)	4284284880 (0xFF5CFFD0)
YUV	200.9050, 3.4978, -95.5097
Hunter-Lab	88.5152, -50.9127, 13.6876

Details

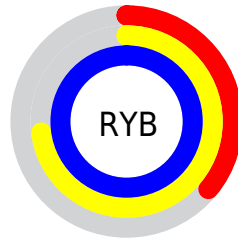
The Yxy color **78.3494, 0.2553, 0.3879** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **30.8047, 0.4591, 0.2843**, and the grayscale version is **58.3851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **42.2656, 0.2447, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **76.8968, 0.2519, 0.3989**, and if you desaturate by 10%, it is **80.2669, 0.2607, 0.3771**.

Distribution



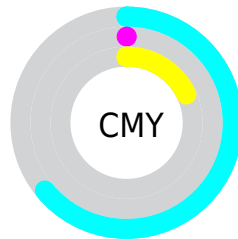
- Red (36%)
- Green (100%)
- Blue (82%)



- Red (36%)
- Yellow (73%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (64%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3494, 0.2553, 0.3879 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 78.3494, 0.2553, 0.3879 by changing the saturation by 10% instead.

 78.3494, 0.2553,
0.3879


 78.3494, 0.2553,
0.3879


489.3526, 0.2819,
0.3600

 58.3610, 0.2493,
0.3944


 131.0425, 0.2645,
0.3781

 42.0990, 0.2418,
0.4025

 164.5161, 0.2681,
0.3743

 29.1788, 0.2324,
0.4129


 203.2536, 0.2712,
0.3711

 19.2161, 0.2202,
0.4267

 247.6393, 0.2739,
0.3683

 11.8265, 0.2037,
0.4457

298.0577, 0.2762,
0.3658

 6.6257, 0.1804,
0.4736


354.8931, 0.2783,


 3.2291, 0.1456,


0.3637


0.5180


418.5299, 0.2802,
0.3617

 1.2525, 0.0000,
0.6711


 0.1040, 0.0000,
1.0000


 78.3494, 0.2553,
0.3879


 78.3494, 0.2553,
0.3879


 76.8968, 0.2519,
0.3989

 80.2669, 0.2607,
0.3771


 75.8532, 0.2505,
0.4100

 82.6803, 0.2679,
0.3667

 75.1650, 0.2510,
0.4210

 85.6282, 0.2765,
0.3569

 74.8693, 0.2521,
0.4277

 89.1431, 0.2863,
0.3478

■ 93.2546, 0.2970,
0.3394

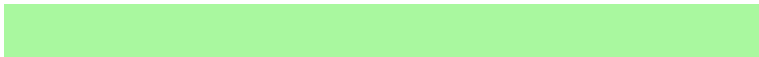
■ 97.9905, 0.3083,
0.3317

■ 99.9971, 0.3127,
0.3290

Harmonies

Analogous

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



78.3494, 0.3133, 0.4359



78.3494, 0.2553, 0.3879



78.3494, 0.2152, 0.3221

Triad

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



78.3494, 0.2553, 0.3879



78.3494, 0.2459, 0.2308



78.3494, 0.4396, 0.3706

Complementary

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



78.3494, 0.2553, 0.3879



30.8047, 0.4591, 0.2843

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.



78.3494, 0.4195, 0.3221



78.3494, 0.2553, 0.3879



78.3494, 0.3016, 0.2458

Square

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



78.3494, 0.2553, 0.3879



78.3494, 0.2109, 0.2371



78.3494, 0.3667, 0.2781



78.3494, 0.4214, 0.4155

Rectangle

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



78.3494, 0.2553, 0.3879



78.3494, 0.2024, 0.2834



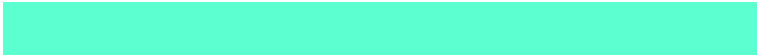
78.3494, 0.3667, 0.2781



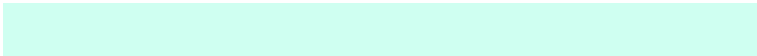
78.3494, 0.4372, 0.3544

Sweetspot

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



78.3525, 0.2553, 0.3879



91.0724, 0.2914, 0.3436



77.9541, 0.3261, 0.5222



19.2474, 0.2884, 0.3460



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.



78.3525, 0.2553, 0.3879



76.5312, 0.2512, 0.4024



61.9693, 0.2269, 0.2887



20.3868, 0.3019, 0.3360



39.1496, 0.2516, 0.4259



3.8308, 0.2482, 0.4134

Inverse Universe

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



30.8047, 0.4591, 0.2843



25.5974, 0.5081, 0.2834



36.6268, 0.4965, 0.3603



18.0733, 0.3249, 0.3222



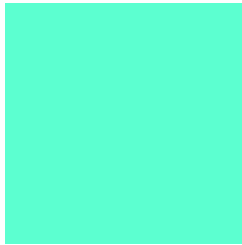
11.3866, 0.5808, 0.2973



1.1266, 0.5488, 0.2797

Previews

White Background



This preview shows how the Yxy color 78.3494, 0.2553, 0.3879 looks on a white background.

Color Contrast Check

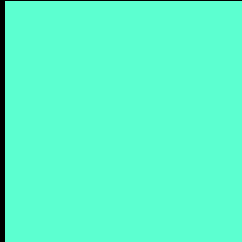
Large Text (above 18pt) WCAG AA × Fail

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 78.3494, 0.2553, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

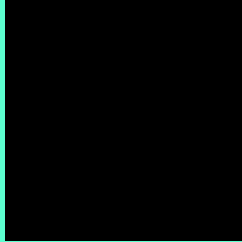
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3494, 0.2553, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 78.3494, 0.2553, 0.3879.



This preview shows how white text looks on a background with the Yxy color 78.3494, 0.2553, 0.3879.

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

78.3494, 0.2553, 0.3879

Protanopia

77.1391, 0.3440, 0.3650

Deuteranopia

76.5036, 0.3396, 0.3321



Tritanopia

77.8120, 0.2592, 0.3132

Trichromacy



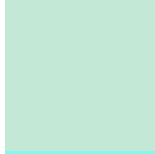
Original Color

78.3494, 0.2553, 0.3879



Protanomaly

75.0847, 0.3028, 0.3744



Deuteranomaly

74.1194, 0.2998, 0.3506



Tritanomaly

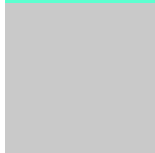
77.4029, 0.2565, 0.3382

Monochromacy



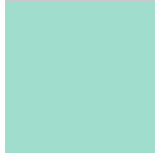
Original Color

78.3494, 0.2553, 0.3879



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

63.6496, 0.2830, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3494, 0.2553, 0.3879 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(92, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 208)  
}
```

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(92, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 78.3494, 0.2553, 0.3879 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(92, 255, 208) }
```

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

```
.border{ border-color:rgb(92, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3494, 0.2553, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 208) }
```

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

```
.background{ background-color: rgb(92, 255,  
208) }
```

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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