

Converting Colors

$Y_{xy}(79.2421, 0.2675, 0.3998)$

Have a look what the booklet for
Yxy(79.2421, 0.2675, 0.3998)
contains.

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Color

Yxy(79.2421, 0.2675, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	73FFC6
RGB	115, 255, 198
RGB Percent	45%, 100%, 78%
CMY	0.5492, 0.0000, 0.2234
CMYK	0.55, 0.00, 0.22, 0.00
HSL	156°, 100%, 73%
HSV	156°, 55%, 100%
XYZ	53.0197, 79.2421, 65.9426
YIQ	206.6420, -65.1430, -47.4070

Conversions

Conversions Part 2

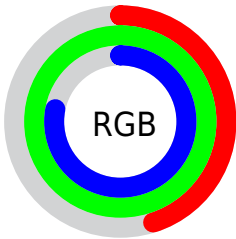
Format	Color
RYB	115, 203, 255
Decimal	7602118
CIELab	91.34, -51.09, 15.86
CIELCh	91, 53.500, 162.752
Yxy	79.2421, 0.2675, 0.3998
Android (android.graphics.Color)	4285792198 (0xFF73FFC6)
YUV	206.6420, -4.2605, -80.3700
Hunter-Lab	89.0180, -49.4659, 18.3919

Details

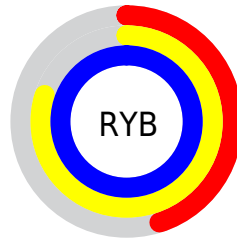
The Yxy color **79.2421, 0.2675, 0.3998** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **36.4835, 0.4077, 0.2714**, and the grayscale version is **62.2036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **42.5270, 0.2565, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **77.2818, 0.2633, 0.4156**, and if you desaturate by 10%, it is **81.7077, 0.2734, 0.3846**.

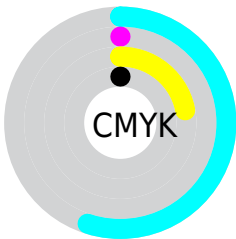
Distribution



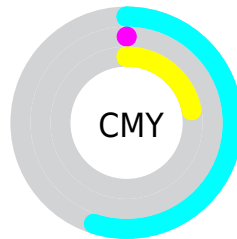
- Red (45%)
- Green (100%)
- Blue (78%)



- Red (45%)
- Yellow (80%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2421, 0.2675, 0.3998 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 79.2421, 0.2675, 0.3998 by changing the saturation by 10% instead.


 79.2421, 0.2675,
0.3998

 79.2421, 0.2675,
0.3998

492.3750, 0.2888,
0.3659


 59.0949, 0.2625,
0.4078


 132.2996, 0.2750,
0.3878

 42.6895, 0.2564,
0.4178


 165.9787, 0.2778,
0.3832

 29.6416, 0.2485,
0.4307


 204.9373, 0.2803,
0.3793

 19.5667, 0.2382,
0.4479

249.5596, 0.2825,
0.3759

 12.0805, 0.2239,
0.4720

300.2301, 0.2844,
0.3729

 6.7985, 0.2033,
0.5077


357.3333, 0.2860,

 3.3364, 0.1709,


0.3703


0.5655

421.2534, 0.2875,
0.3680

 1.3098, 0.0000,
0.8353


 0.1488, 0.0000,
1.0000


 79.2421, 0.2675,
0.3998


 79.2421, 0.2675,
0.3998


 77.2818, 0.2633,
0.4156


 81.7077, 0.2734,
0.3846


 75.7937, 0.2610,
0.4317

 84.7233, 0.2807,
0.3703


 74.7272, 0.2609,
0.4477

 88.3191, 0.2891,
0.3571

 74.0237, 0.2627,
0.4633

 92.5255, 0.2983,
0.3449

 73.7632, 0.2642,
0.4711

 97.3709, 0.3079,
0.3340

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



79.2421, 0.3268, 0.4394



79.2421, 0.2675, 0.3998



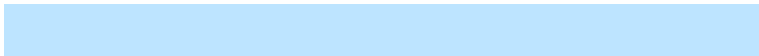
79.2421, 0.2232, 0.3362

Triad

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



79.2421, 0.2675, 0.3998



79.2421, 0.2374, 0.2315



79.2421, 0.4367, 0.3598

Complementary

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



79.2421, 0.2675, 0.3998



36.4835, 0.4077, 0.2714

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.



79.2421, 0.4089, 0.3122



79.2421, 0.2675, 0.3998



79.2421, 0.2885, 0.2420

Square

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



79.2421, 0.2675, 0.3998



79.2421, 0.2078, 0.2428



79.2421, 0.3522, 0.2706



79.2421, 0.4267, 0.4057

Rectangle

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



79.2421, 0.2675, 0.3998



79.2421, 0.2067, 0.2956



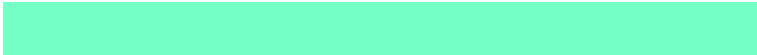
79.2421, 0.3522, 0.2706



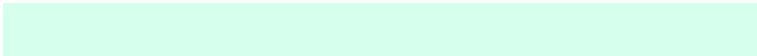
79.2421, 0.4316, 0.3437

Sweetspot

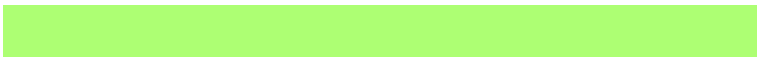
The Sweet Spot groups the original color and five complimentary colors.



79.2394, 0.2675, 0.3998



92.0431, 0.2973, 0.3462



81.6749, 0.3366, 0.4896



19.5077, 0.2954, 0.3486



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.



79.2394, 0.2675, 0.3998



77.1000, 0.2630, 0.4173



75.1589, 0.2401, 0.3151



20.3491, 0.3035, 0.3388



38.5733, 0.2635, 0.4686



3.7774, 0.2586, 0.4509

Inverse Universe

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



36.4835, 0.4077, 0.2714



30.3998, 0.4387, 0.2638



37.5755, 0.4708, 0.3411



18.1096, 0.3230, 0.3194



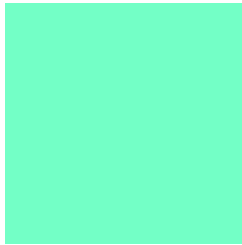
11.6559, 0.5356, 0.2724



1.1559, 0.5057, 0.2560

Previews

White Background



This preview shows how the Yxy color 79.2421, 0.2675, 0.3998 looks on a white background.

Color Contrast Check

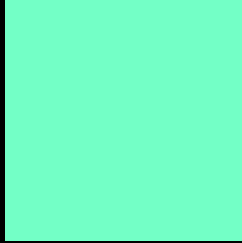
Large Text (above 18pt) WCAG AA × Fail

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 79.2421, 0.2675, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

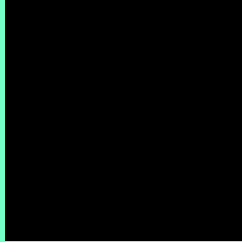
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2421, 0.2675, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 79.2421, 0.2675, 0.3998.



This preview shows how white text looks on a background with the Yxy color 79.2421, 0.2675, 0.3998.

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

79.2421, 0.2675, 0.3998

Protanopia

77.8668, 0.3514, 0.3743

Deuteranopia

77.5764, 0.3458, 0.3412



Tritanopia

78.7885, 0.2637, 0.3134

Trichromacy



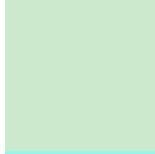
Original Color

79.2421, 0.2675, 0.3998



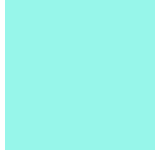
Protanomaly

76.6025, 0.3141, 0.3841



Deuteranomaly

75.5230, 0.3106, 0.3605



Tritanomaly

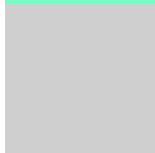
78.4314, 0.2647, 0.3428

Monochromacy



Original Color

79.2421, 0.2675, 0.3998



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

66.6696, 0.2914, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2421, 0.2675, 0.3998 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(115, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(115, 255, 198)  
}
```

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(115, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 79.2421, 0.2675, 0.3998 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(115, 255, 198) }
```

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

```
.border{ border-color:rgb(115, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(115, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2421, 0.2675, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 255, 198) }
```

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

```
.background{ background-color: rgb(115,  
255, 198) }
```

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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