

Converting Colors

$Yxy(72.6007, 0.2688, 0.3819)$

Have a look what the booklet for
Yxy(72.6007, 0.2688, 0.3819)
contains.

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Color

Yxy(72.7539, 0.2687, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	7EF3C9
RGB	126, 243, 201
RGB Percent	49%, 95%, 79%
CMY	0.5057, 0.0471, 0.2118
CMYK	0.48, 0.00, 0.17, 0.05
HSL	158°, 83%, 72%
HSV	158°, 48%, 95%
XYZ	51.2021, 72.7539, 66.5990
YIQ	203.2290, -56.2500, -37.8660

Conversions

Conversions Part 2

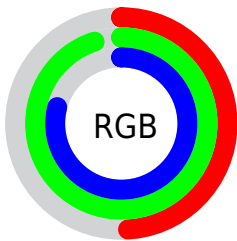
Format	Color
RYB	126, 197, 243
Decimal	8319945
CIELab	88.33, -42.86, 10.11
CIElCh	88, 44.038, 166.731
Yxy	72.7539, 0.2687, 0.3818
Android (android.graphics.Color)	4286510025 (0xFF7EF3C9)
YUV	203.2290, -1.0989, -67.7298
Hunter-Lab	85.2959, -42.1164, 13.4135

Details

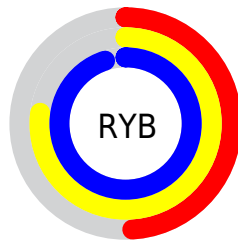
The Yxy color **72.7539, 0.2687, 0.3818** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **36.8185, 0.3968, 0.2837**, and the grayscale version is **59.9147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **38.3482, 0.2577, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **70.7284, 0.2629, 0.3952**, and if you desaturate by 10%, it is **75.2572, 0.2761, 0.3691**.

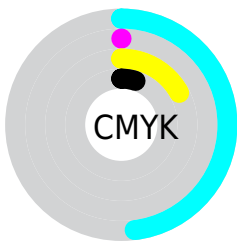
Distribution



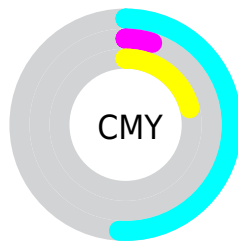
- Red (49%)
- Green (95%)
- Blue (79%)



- Red (49%)
- Yellow (77%)
- Blue (95%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)





- Cyan (51%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7539, 0.2687, 0.3818 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 72.7539, 0.2687, 0.3818 by changing the saturation by 10% instead.


 72.7539, 0.2687,
0.3818


 72.7539, 0.2687,
0.3818


470.1614, 0.2894,
0.3565


 53.7748, 0.2639,
0.3878


 123.1278, 0.2760,
0.3728

 38.4216, 0.2579,
0.3953


 155.2913, 0.2788,
0.3694

 26.3101, 0.2502,
0.4051


 192.6184, 0.2812,
0.3665

 17.0558, 0.2401,
0.4181

235.4935, 0.2833,
0.3639

 10.2743, 0.2262,
0.4364

284.3009, 0.2851,
0.3617

 5.5812, 0.2058,
0.4640

339.4251, 0.2867,

 2.5921, 0.1737,

0.3598

401.2505, 0.2881,
0.3580

0.5098

0.9227, 0.0000,
0.7562

0.0000, 0.0000,
0.0000

72.7539, 0.2687,
0.3818

72.7539, 0.2687,
0.3818

70.7284, 0.2629,
0.3952

75.2572, 0.2761,
0.3691

69.1385, 0.2588,
0.4090

78.2597, 0.2847,
0.3572


67.9493, 0.2568,
0.4231


81.7918, 0.2942,
0.3463

67.1158, 0.2569,
0.4371

85.8790, 0.3043,
0.3363

 66.5764, 0.2588,
0.4508

 90.5451, 0.3147,
0.3274

 66.4914, 0.2593,
0.4533

 92.4753, 0.3142,
0.3191

 92.5804, 0.3133,
0.3175

Harmonies

Analogous

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



72.7539, 0.3187, 0.4186



72.7539, 0.2687, 0.3818



72.7539, 0.2325, 0.3286

Triad

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



72.7539, 0.2687, 0.3818



72.7539, 0.2531, 0.2450



72.7539, 0.4186, 0.3624

Complementary

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



72.7539, 0.2687, 0.3818



36.8185, 0.3968, 0.2837

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.



72.7539, 0.3989, 0.3207



72.7539, 0.2687, 0.3818



72.7539, 0.2994, 0.2562

Square

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



72.7539, 0.2687, 0.3818



72.7539, 0.2245, 0.2528



72.7539, 0.3536, 0.2831



72.7539, 0.4069, 0.4004

Rectangle

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



72.7539, 0.2687, 0.3818



72.7539, 0.2198, 0.2955



72.7539, 0.3536, 0.2831



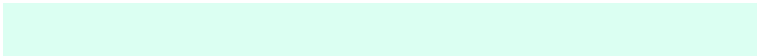
72.7539, 0.4155, 0.3485

Sweetspot

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



72.7568, 0.2687, 0.3818



93.0482, 0.2982, 0.3421



74.0356, 0.3312, 0.4701



19.7108, 0.2961, 0.3443



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.



72.7568, 0.2687, 0.3818



78.9106, 0.2629, 0.3952



66.0709, 0.2456, 0.3099



18.6509, 0.3029, 0.3376



36.5200, 0.2587, 0.4512



3.2293, 0.2539, 0.4340

Inverse Universe

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



36.8185, 0.3968, 0.2837



34.3420, 0.4250, 0.2760



39.8025, 0.4381, 0.3463



16.5809, 0.3237, 0.3205



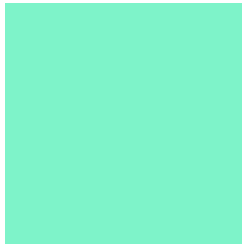
10.8614, 0.5543, 0.2827



0.9735, 0.5198, 0.2637

Previews

White Background



This preview shows how the Yxy color 72.7539, 0.2687, 0.3818 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 72.7539, 0.2687, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

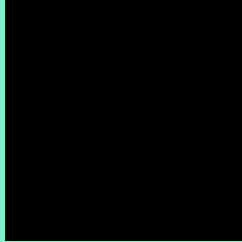
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7539, 0.2687, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 72.7539, 0.2687, 0.3818.



This preview shows how white text looks on a background with the Yxy color 72.7539, 0.2687, 0.3818.

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

72.7539, 0.2687, 0.3818

Protanopia

71.8494, 0.3420, 0.3628

Deuteranopia

71.6863, 0.3418, 0.3353



Tritanopia

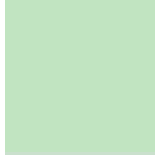
72.8736, 0.2486, 0.3069

Trichromacy



Original Color

72.7539, 0.2687, 0.3818



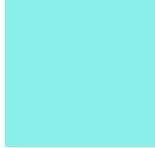
Protanomaly

70.6745, 0.3108, 0.3700



Deuteranomaly

70.2756, 0.3096, 0.3507



Tritanomaly

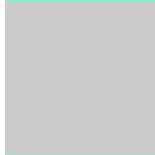
72.9654, 0.2561, 0.3336

Monochromacy



Original Color

72.7539, 0.2687, 0.3818



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

63.5210, 0.2931, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7539, 0.2687, 0.3818 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(126, 243, 201)` looks like.

```
.text, #text, p{  
    color:rgb(126, 243, 201)  
}
```

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(126, 243, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 243, 201) }
```

Border

The CSS property to change the border of an element to Yxy 72.7539, 0.2687, 0.3818 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(126, 243, 201) }
```

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

```
.border{ border-color:rgb(126, 243, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 243, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 243, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 243, 201);  
box-shadow:4px 4px 4px 4px rgb(126, 243,  
201) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7539, 0.2687, 0.3818$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 243, 201) }
```

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

```
.background{ background-color: rgb(126,  
243, 201) }
```

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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