

Converting Colors

$Yxy(75.1086, 0.2598, 0.3702)$

Have a look what the booklet for
Yxy(75.1086, 0.2598, 0.3702)
contains.

Yxy(75.1585, 0.2595, 0.3698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.1585, 0.2595, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	75F7D6
RGB	117, 247, 214
RGB Percent	46%, 97%, 84%
CMY	0.5409, 0.0314, 0.1608
CMYK	0.53, 0.00, 0.13, 0.03
HSL	165°, 89%, 71%
HSV	165°, 53%, 97%
XYZ	52.7410, 75.1585, 75.3414
YIQ	204.3680, -66.8870, -37.8230

Conversions

Conversions Part 2

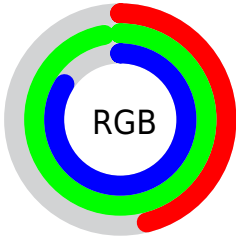
Format	Color
RYB	117, 191, 247
Decimal	7731158
CIELab	89.47, -43.73, 4.94
CIELCh	89, 44.006, 173.551
Yxy	75.1585, 0.2595, 0.3698
Android (android.graphics.Color)	4285921238 (0xFF75F7D6)
YUV	204.3680, 4.7486, -76.6217
Hunter-Lab	86.6940, -43.1225, 9.1598

Details

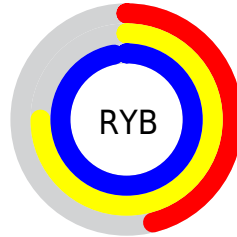
The Yxy color **75.1585, 0.2595, 0.3698** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **34.7184, 0.4261, 0.2945**, and the grayscale version is **60.6426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0871, 0.2686, 0.3289**, and **40.0082, 0.2471, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **73.3546, 0.2536, 0.3791**, and if you desaturate by 10%, it is **77.4320, 0.2672, 0.3608**.

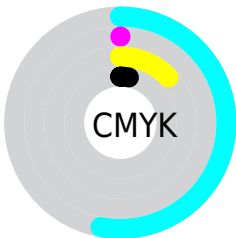
Distribution



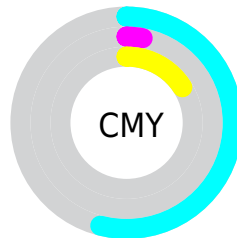
- Red (46%)
- Green (97%)
- Blue (84%)



- Red (46%)
- Yellow (75%)
- Blue (97%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)





- Cyan (54%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1585, 0.2595, 0.3698 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 75.1585, 0.2595, 0.3698 by changing the saturation by 10% instead.

 75.1585, 0.2595,
0.3698

 75.1585, 0.2595,
0.3698


478.4622, 0.2841,
0.3507

 55.7428, 0.2539,
0.3742

 126.5367, 0.2680,
0.3631

 39.9967, 0.2470,
0.3797


 159.2679, 0.2713,
0.3605

 27.5360, 0.2384,
0.3867


 197.2065, 0.2742,
0.3583

 17.9762, 0.2271,
0.3960

240.7367, 0.2767,
0.3564

 10.9329, 0.2119,
0.4086

290.2429, 0.2788,
0.3547

 6.0217, 0.1903,
0.4271

346.1097, 0.2808,

 2.8583, 0.1578,

0.3532

408.7213, 0.2825,
0.3519

0.4563

1.0582, 0.0000,
0.5708

0.0000, 0.0000,
0.0000

75.1585, 0.2595,
0.3698

75.1585, 0.2595,
0.3698

73.3546, 0.2536,
0.3791

77.4320, 0.2672,
0.3608

71.9750, 0.2496,
0.3887


80.1988, 0.2763,
0.3524

70.9806, 0.2476,
0.3983

83.4913, 0.2866,
0.3445


70.3205, 0.2476,
0.4078

87.3367, 0.2978,
0.3372

 69.9910, 0.2486,
0.4148

 91.7604, 0.3096,
0.3306

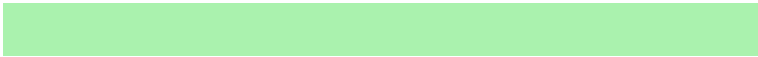
 94.7849, 0.3151,
0.3246

 94.9995, 0.3131,
0.3214

Harmonies

Analogous

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



75.1585, 0.3069, 0.4117



75.1585, 0.2595, 0.3698



75.1585, 0.2279, 0.3169

Triad

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



75.1585, 0.2595, 0.3698



75.1585, 0.2629, 0.2468



75.1585, 0.4174, 0.3714

Complementary

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



75.1585, 0.2595, 0.3698



34.7184, 0.4261, 0.2945

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.



75.1585, 0.4049, 0.3301



75.1585, 0.2595, 0.3698



75.1585, 0.3116, 0.2618

Square

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



75.1585, 0.2595, 0.3698



75.1585, 0.2301, 0.2501



75.1585, 0.3648, 0.2914



75.1585, 0.3993, 0.4067

Rectangle

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



75.1585, 0.2595, 0.3698



75.1585, 0.2187, 0.2862



75.1585, 0.3648, 0.2914



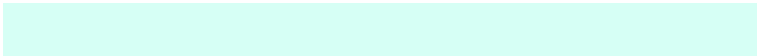
75.1585, 0.4168, 0.3578

Sweetspot

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



75.1615, 0.2595, 0.3698



92.4166, 0.2939, 0.3396



74.4542, 0.3239, 0.4884



19.5971, 0.2916, 0.3411



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.



75.1615, 0.2595, 0.3698



78.7832, 0.2533, 0.3796



59.9642, 0.2374, 0.2913



18.6817, 0.3014, 0.3351



37.0412, 0.2481, 0.4132



3.2721, 0.2448, 0.4013

Inverse Universe

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



34.7184, 0.4261, 0.2945



31.0815, 0.4637, 0.2902



42.0489, 0.4475, 0.3614



16.5516, 0.3254, 0.3230



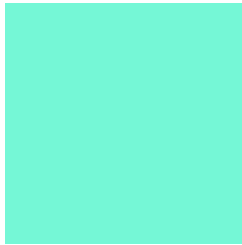
10.6654, 0.5919, 0.3034



0.9533, 0.5568, 0.2841

Previews

White Background



This preview shows how the Yxy color 75.1585, 0.2595, 0.3698 looks on a white background.

Color Contrast Check

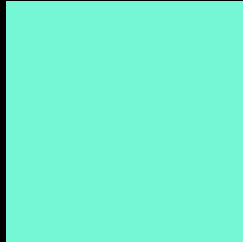
Large Text (above 18pt) WCAG AA × Fail

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 75.1585, 0.2595, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

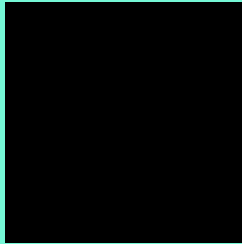
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1585, 0.2595, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 75.1585, 0.2595, 0.3698.

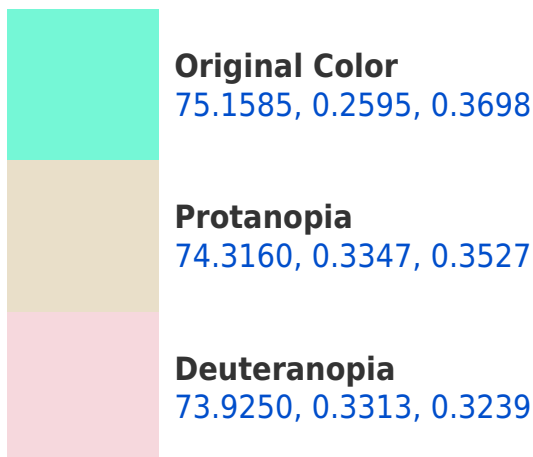


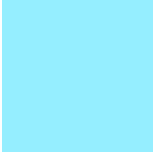
This preview shows how white text looks on a background with the Yxy color 75.1585, 0.2595, 0.3698.

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

74.7586, 0.2526, 0.3094

Trichromacy



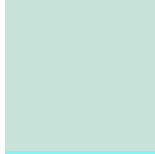
Original Color

75.1585, 0.2595, 0.3698



Protanomaly

73.2458, 0.3014, 0.3590



Deuteranomaly

72.1422, 0.2994, 0.3391



Tritanomaly

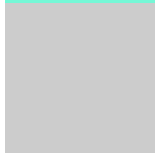
74.5202, 0.2546, 0.3300

Monochromacy



Original Color

75.1585, 0.2595, 0.3698



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.5111, 0.2875, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1585, 0.2595, 0.3698 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(117, 247, 214)` looks like.

```
.text, #text, p{  
    color:rgb(117, 247, 214)  
}
```

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(117, 247, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 247, 214) }
```

Border

The CSS property to change the border of an element to Yxy 75.1585, 0.2595, 0.3698 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(117, 247, 214) }
```

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

```
.border{ border-color:rgb(117, 247, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 247, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 247, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 247, 214);  
box-shadow:4px 4px 4px 4px rgb(117, 247,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1585, 0.2595, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 247, 214) }
```

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

```
.background{ background-color: rgb(117,  
247, 214) }
```

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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