

Converting Colors

$Yxy(74.2616, 0.2623, 0.4583)$

Have a look what the booklet for
Yxy(74.2616, 0.2623, 0.4583)
contains.

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Color

Yxy(74.2777, 0.2623, 0.4580)

Conversions

Conversions Part 1

Format	Color
Hex	1AFFA0
RGB	26, 255, 160
RGB Percent	10%, 100%, 63%
CMY	0.8966, 0.0000, 0.3725
CMYK	0.90, 0.00, 0.37, 0.00
HSL	155°, 100%, 55%
HSV	155°, 90%, 100%
XYZ	42.5394, 74.2777, 45.3613
YIQ	175.6990, -105.9890, -78.0930

Conversions

Conversions Part 2

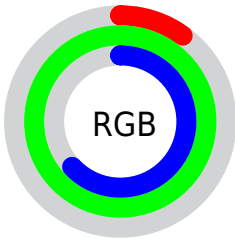
Format	Color
RYB	26, 170, 255
Decimal	1769376
CIELab	89.05, -70.36, 31.75
CIELCh	89, 77.190, 155.709
Yxy	74.2777, 0.2623, 0.4580
Android (android.graphics.Color)	4279959456 (0xFF1AFFA0)
YUV	175.6990, -7.7396, -131.2860
Hunter-Lab	86.1845, -62.7180, 29.1232

Details

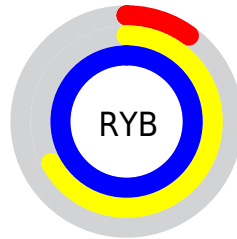
The Yxy color **74.2777, 0.2623, 0.4580** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **23.4037, 0.5076, 0.2635**, and the grayscale version is **43.3946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4194, 0.2618, 0.3774**, and **41.0152, 0.2680, 0.4848** is the 20% darker color. If you saturate the color by 10%, you get **73.7066, 0.2650, 0.4737**, and if you desaturate by 10%, it is **75.1696, 0.2614, 0.4418**.

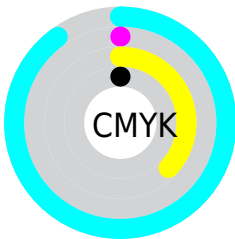
Distribution



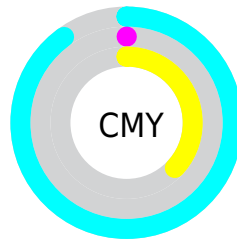
- Red (10%)
- Green (100%)
- Blue (63%)



- Red (10%)
- Yellow (67%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2777, 0.2623, 0.4580 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 74.2777, 0.2623, 0.4580 by changing the saturation by 10% instead.


 74.2777, 0.2623,
0.4580


 74.2777, 0.2623,
0.4580

475.4313, 0.2879,
0.3937


 55.0214, 0.2559,
0.4738


 125.2894, 0.2716,
0.4348


 39.4188, 0.2477,
0.4938


 157.8135, 0.2751,
0.4260


 27.0857, 0.2368,
0.5199


 195.5290, 0.2781,
0.4186

 17.6376, 0.2219,
0.5553

 238.8203, 0.2806,
0.4122

 10.6901, 0.2004,
0.6054

 288.0718, 0.2828,
0.4067

 5.8589, 0.1675,
0.6796


343.6679, 0.2847,

 2.7595, 0.0920,

0.4018

0.8834

405.9929, 0.2864,
0.3975


 1.0075, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 74.2777, 0.2623,
0.4580


 74.2777, 0.2623,
0.4580


 73.7066, 0.2650,
0.4737


 75.1696, 0.2614,
0.4418

 73.6893, 0.2651,
0.4742


 76.4554, 0.2626,
0.4253


 78.1903, 0.2659,
0.4090

 80.4184, 0.2709,
0.3931

 83.1782, 0.2776,
0.3780

 86.5044, 0.2854,
0.3640

 90.4286, 0.2941,
0.3510

 94.9800, 0.3034,
0.3392

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



74.2777, 0.3473, 0.5004



74.2777, 0.2623, 0.4580



74.2777, 0.1959, 0.3600

Triad

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



74.2777, 0.2623, 0.4580



74.2777, 0.1943, 0.1944



74.2777, 0.4896, 0.3492

Complementary

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



74.2777, 0.2623, 0.4580



23.4037, 0.5076, 0.2635

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.



74.2777, 0.4374, 0.2876



74.2777, 0.2623, 0.4580



74.2777, 0.2568, 0.2033

Square

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



74.2777, 0.2623, 0.4580



74.2777, 0.1633, 0.2137



74.2777, 0.3463, 0.2362



74.2777, 0.4825, 0.4143

Rectangle

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



74.2777, 0.2623, 0.4580



74.2777, 0.1701, 0.2952



74.2777, 0.3463, 0.2362



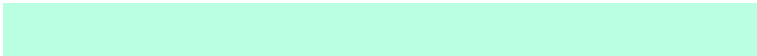
74.2777, 0.4786, 0.3280

Sweetspot

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



74.2807, 0.2623, 0.4580



87.4908, 0.2876, 0.3604



75.7044, 0.3304, 0.5695



18.4579, 0.2848, 0.3650



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.



74.2807, 0.2623, 0.4580



73.6921, 0.2651, 0.4742



67.4029, 0.2194, 0.3051



20.3463, 0.3036, 0.3391



38.5362, 0.2643, 0.4716



3.7739, 0.2594, 0.4537

Inverse Universe

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



23.4037, 0.5076, 0.2635



22.2992, 0.5363, 0.2728



23.2449, 0.6153, 0.3375



18.1122, 0.3229, 0.3192



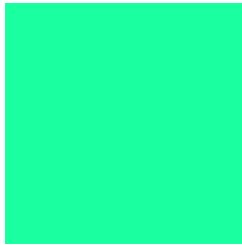
11.6799, 0.5321, 0.2705



1.1584, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 74.2777, 0.2623, 0.4580 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 74.2777, 0.2623, 0.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

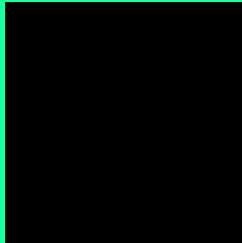
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2777, 0.2623, 0.4580

Background



This preview shows how black text looks on a background with the Yxy color 74.2777, 0.2623, 0.4580.

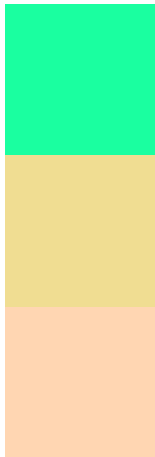


This preview shows how white text looks on a background with the Yxy color 74.2777, 0.2623, 0.4580.

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

74.2777, 0.2623, 0.4580

Protanopia

72.3135, 0.3786, 0.4087

Deuteranopia

72.5675, 0.3700, 0.3662



Tritanopia

73.7783, 0.2450, 0.3102

Trichromacy



Original Color

74.2777, 0.2623, 0.4580



Protanomaly

68.1936, 0.3148, 0.4326



Deuteranomaly

67.7496, 0.3100, 0.4009



Tritanomaly

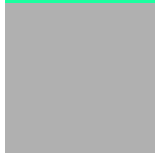
72.7993, 0.2479, 0.3604

Monochromacy



Original Color

74.2777, 0.2623, 0.4580



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

50.7025, 0.2776, 0.3793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2777, 0.2623, 0.4580 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(26, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(26, 255, 160)  
}
```

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(26, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 255, 160) }
```

Border

The CSS property to change the border of an element to Yxy 74.2777, 0.2623, 0.4580 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(26, 255, 160) }
```

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

```
.border{ border-color:rgb(26, 255, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(26, 255,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2777, 0.2623, 0.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 255, 160) }
```

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

```
.background{ background-color: rgb(26, 255,  
160) }
```

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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