

Converting Colors

$Y_{xy}(75.0685, 0.2537, 0.4279)$

Have a look what the booklet for
Yxy(75.0685, 0.2537, 0.4279)
contains.

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Color

Yxy(75.0629, 0.2537, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	19FFB5
RGB	25, 255, 181
RGB Percent	10%, 100%, 71%
CMY	0.9011, 0.0000, 0.2902
CMYK	0.90, 0.00, 0.29, 0.00
HSL	161°, 100%, 55%
HSV	161°, 90%, 100%
XYZ	44.5045, 75.0629, 55.8542
YIQ	177.7940, -113.3260, -71.7740

Conversions

Conversions Part 2

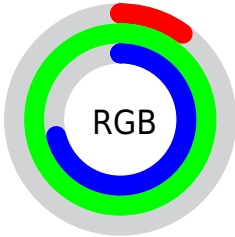
Format	Color
R_{YB}	25, 162, 255
Decimal	1703861
CIE _{Lab}	89.42, -66.14, 21.66
CIE _{LCh}	89, 69.602, 161.867
Yxy	75.0629, 0.2537, 0.4279
Android (android.graphics.Color)	4279893941 (0xFF19FFB5)
YUV	177.7940, 1.5806, -134.0003
Hunter-Lab	86.6388, -59.9265, 22.4242

Details

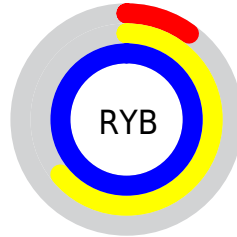
The Yxy color **75.0629, 0.2537, 0.4279** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **22.8701, 0.5435, 0.2834**, and the grayscale version is **44.4791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6275, 0.2521, 0.3500**, and **41.4910, 0.2579, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **74.5321, 0.2556, 0.4400**, and if you desaturate by 10%, it is **75.8997, 0.2535, 0.4155**.

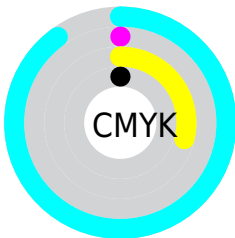
Distribution



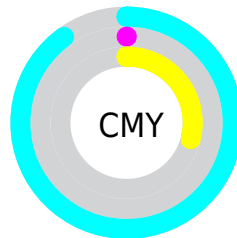
- Red (10%)
- Green (100%)
- Blue (71%)



- Red (10%)
- Yellow (64%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (90%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0629, 0.2537, 0.4279 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 75.0629, 0.2537, 0.4279 by changing the saturation by 10% instead.


 75.0629, 0.2537,
0.4279


 75.0629, 0.2537,
0.4279


478.1337, 0.2822,
0.3794


 55.6644, 0.2469,
0.4396


 126.4014, 0.2638,
0.4105

 39.9339, 0.2385,
0.4545


 159.1102, 0.2676,
0.4039


 27.4870, 0.2276,
0.4738


 197.0246, 0.2709,
0.3983

 17.9393, 0.2131,
0.4999

 240.5289, 0.2738,
0.3935

 10.9064, 0.1929,
0.5368

 290.0076, 0.2763,
0.3893

 6.0040, 0.1635,
0.5924


345.8450, 0.2785,

 2.8475, 0.1045,


0.3856

0.6940


408.4256, 0.2804,
0.3823

 1.0526, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 75.0629, 0.2537,
0.4279

 75.0629, 0.2537,
0.4279

 74.5321, 0.2556,
0.4400


 75.8997, 0.2535,
0.4155


 77.1162, 0.2554,
0.4029


 78.7670, 0.2593,
0.3906

 80.8964, 0.2652,
0.3785

 83.5425, 0.2726,
0.3671

 86.7399, 0.2814,
0.3563

 90.5199, 0.2912,
0.3464

 94.9116, 0.3017,
0.3373

99.9419, 0.3126,
0.3291

Harmonies

Analogous

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



75.0629, 0.3298, 0.4795



75.0629, 0.2537, 0.4279



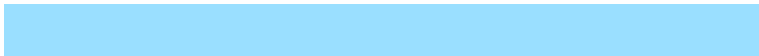
75.0629, 0.1979, 0.3389

Triad

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



75.0629, 0.2537, 0.4279



75.0629, 0.2141, 0.2053



75.0629, 0.4756, 0.3619

Complementary

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



75.0629, 0.2537, 0.4279



22.8701, 0.5435, 0.2834

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.



75.0629, 0.4384, 0.3034



75.0629, 0.2537, 0.4279



75.0629, 0.2777, 0.2182

Square

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



75.0629, 0.2537, 0.4279



75.0629, 0.1791, 0.2182



75.0629, 0.3613, 0.2528



75.0629, 0.4605, 0.4214

Rectangle

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



75.0629, 0.2537, 0.4279



75.0629, 0.1779, 0.2843



75.0629, 0.3613, 0.2528



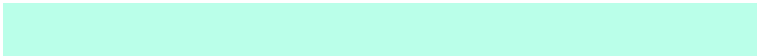
75.0629, 0.4690, 0.3419

Sweetspot

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



75.0655, 0.2537, 0.4279



87.8511, 0.2843, 0.3531



74.4052, 0.3211, 0.5772



18.5431, 0.2811, 0.3566



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.



75.0655, 0.2537, 0.4279



74.5321, 0.2556, 0.4400



56.9027, 0.2123, 0.2797



20.3761, 0.3023, 0.3368



38.9731, 0.2550, 0.4380



3.8147, 0.2511, 0.4240

Inverse Universe

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



22.8701, 0.5435, 0.2834



21.8712, 0.5732, 0.2931



24.9440, 0.6034, 0.3482



18.0835, 0.3243, 0.3214



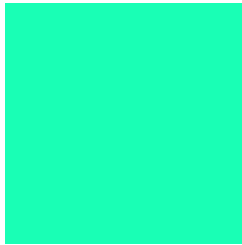
11.4522, 0.5689, 0.2907



1.1341, 0.5369, 0.2732

Previews

White Background



This preview shows how the Yxy color 75.0629, 0.2537, 0.4279 looks on a white background.

Color Contrast Check

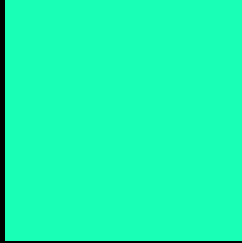
Large Text (above 18pt) WCAG AA × Fail

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 75.0629, 0.2537, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

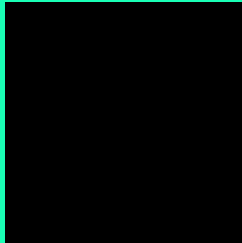
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0629, 0.2537, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 75.0629, 0.2537, 0.4279.

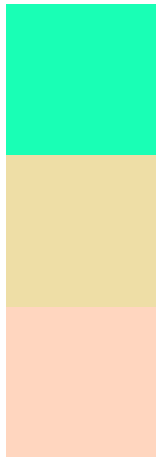


This preview shows how white text looks on a background with the Yxy color 75.0629, 0.2537, 0.4279.

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

75.0629, 0.2537, 0.4279

Protanopia

73.1729, 0.3630, 0.3891

Deuteranopia

73.1147, 0.3604, 0.3527



Tritanopia

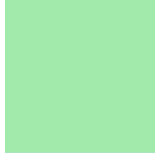
74.1872, 0.2471, 0.3103

Trichromacy



Original Color

75.0629, 0.2537, 0.4279



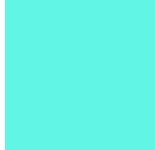
Protanomaly

69.3630, 0.3027, 0.4079



Deuteranomaly

68.2844, 0.2998, 0.3806



Tritanomaly

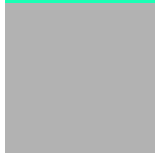
73.3930, 0.2455, 0.3499

Monochromacy



Original Color

75.0629, 0.2537, 0.4279



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

51.5349, 0.2724, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0629, 0.2537, 0.4279 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(25, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(25, 255, 181)  
}
```

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(25, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 75.0629, 0.2537, 0.4279 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(25, 255, 181) }
```

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

```
.border{ border-color:rgb(25, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(25, 255,  
181) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.0629, 0.2537, 0.4279$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 255, 181) }
```

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

```
.background{ background-color: rgb(25, 255,  
181) }
```

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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