

Converting Colors

$Yxy(75.9041, 0.2537, 0.3188)$

Have a look what the booklet for
Yxy(75.9041, 0.2537, 0.3188)
contains.

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Color

Yxy(75.8325, 0.2536, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	91F1FA
RGB	145, 241, 250
RGB Percent	57%, 95%, 98%
CMY	0.4315, 0.0549, 0.0197
CMYK	0.42, 0.04, 0.00, 0.02
HSL	185°, 91%, 77%
HSV	185°, 42%, 98%
XYZ	60.3803, 75.8325, 101.8798
YIQ	213.3220, -60.1050, -17.5530

Conversions

Conversions Part 2

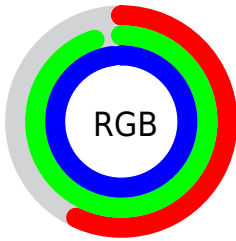
Format	Color
RYB	145, 195, 250
Decimal	9564666
CIELab	89.78, -26.13, -13.23
CIELCh	90, 29.293, 206.860
Yxy	75.8325, 0.2536, 0.3185
Android (android.graphics.Color)	4287754746 (0xFF91F1FA)
YUV	213.3220, 18.0823, -59.9184
Hunter-Lab	87.0819, -28.6260, -8.4080

Details

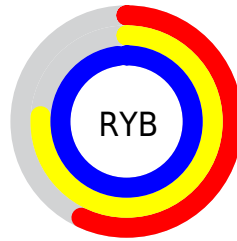
The Yxy color **75.8325, 0.2536, 0.3185** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.4541, 0.4181, 0.3389**, and the grayscale version is **66.6692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **40.6192, 0.2407, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **72.5529, 0.2429, 0.3156**, and if you desaturate by 10%, it is **79.6324, 0.2659, 0.3213**.

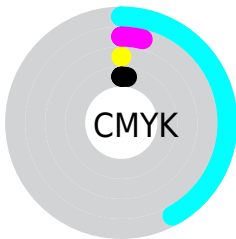
Distribution



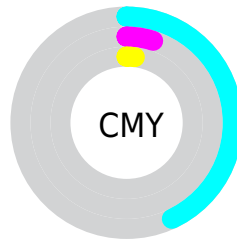
- Red (57%)
- Green (95%)
- Blue (98%)



- Red (57%)
- Yellow (76%)
- Blue (98%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)





- Cyan (43%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8325, 0.2536, 0.3185 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 75.8325, 0.2536, 0.3185 by changing the saturation by 10% instead.


 75.8325, 0.2536,
0.3185

 75.8325, 0.2536,
0.3185


480.7741, 0.2802,
0.3240

 56.2952, 0.2477,
0.3171


 127.4901, 0.2627,
0.3205

 40.4396, 0.2406,
0.3154


 160.3792, 0.2662,
0.3212

 27.8815, 0.2317,
0.3130


198.4876, 0.2693,
0.3219

 18.2363, 0.2203,
0.3099

242.1998, 0.2720,
0.3224

 11.1198, 0.2054,
0.3052

291.9002, 0.2744,
0.3229

 6.1475, 0.1850,
0.2981


347.9731, 0.2766,


 2.9350, 0.1558,


0.3233

0.2861


410.8029, 0.2785,
0.3236


 1.0979, 0.0954,
0.2677


 0.0000, 0.0000,
0.0000

 75.8325, 0.2536,
0.3185


 75.8325, 0.2536,
0.3185


 72.5529, 0.2429,
0.3156


 79.6324, 0.2659,
0.3213


 69.7515, 0.2339,
0.3127

 83.9738, 0.2796,
0.3239

 67.3940, 0.2269,
0.3097

 88.8874, 0.2942,
0.3263

 65.4377, 0.2218,
0.3068

 94.3992, 0.3096,
0.3286

■ 63.8309, 0.2186,
0.3038

■ 97.5851, 0.3158,
0.3306

■ 62.7356, 0.2171,
0.3015

■ 98.9313, 0.3157,
0.3327

■ 99.6809, 0.3156,
0.3338

Harmonies

Analogous

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



75.8325, 0.2744, 0.3522



75.8325, 0.2536, 0.3185



75.8325, 0.2479, 0.2904

Triad

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



75.8325, 0.2536, 0.3185



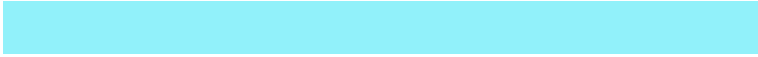
75.8325, 0.3165, 0.2846



75.8325, 0.3687, 0.3839

Complementary

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



75.8325, 0.2536, 0.3185



45.4541, 0.4181, 0.3389

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.



75.8325, 0.3819, 0.3623



75.8325, 0.2536, 0.3185



75.8325, 0.3510, 0.3064

Square

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



75.8325, 0.2536, 0.3185



75.8325, 0.2828, 0.2730



75.8325, 0.3755, 0.3342



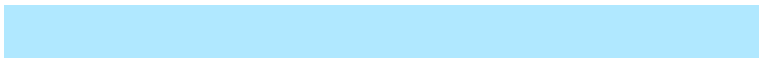
75.8325, 0.3406, 0.3914

Rectangle

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



75.8325, 0.2536, 0.3185



75.8325, 0.2531, 0.2783



75.8325, 0.3755, 0.3342



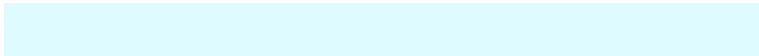
75.8325, 0.3751, 0.3779

Sweetspot

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



75.8355, 0.2536, 0.3185



92.4528, 0.2927, 0.3261



76.6997, 0.3023, 0.4488



19.5372, 0.2894, 0.3256



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.



75.8355, 0.2536, 0.3185



76.5387, 0.2448, 0.3162



49.1941, 0.2430, 0.2540



19.3400, 0.2980, 0.3269



33.3890, 0.2172, 0.3020



3.1648, 0.2182, 0.3055

Inverse Universe

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



46.9131, 0.3252, 0.2332



43.1066, 0.3280, 0.2167



66.6150, 0.3935, 0.3933



17.4975, 0.3151, 0.3076



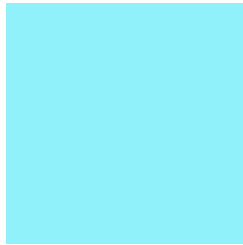
13.7815, 0.3437, 0.1667



1.2837, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 75.8325, 0.2536, 0.3185 looks on a white background.

Color Contrast Check

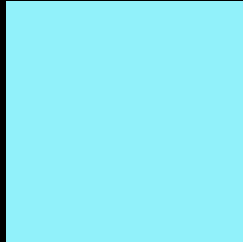
Large Text (above 18pt) WCAG AA × Fail

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 75.8325, 0.2536, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

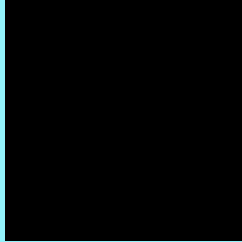
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8325, 0.2536, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 75.8325, 0.2536, 0.3185.

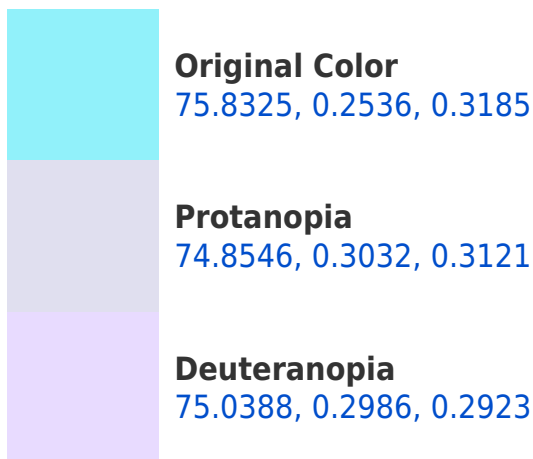


This preview shows how white text looks on a background with the Yxy color 75.8325, 0.2536, 0.3185.

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

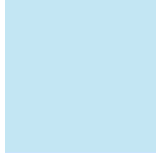
75.7400, 0.2573, 0.3097

Trichromacy



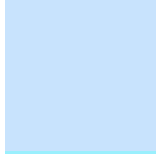
Original Color

75.8325, 0.2536, 0.3185



Protanomaly

74.6668, 0.2822, 0.3146



Deuteranomaly

74.3094, 0.2795, 0.3009



Tritanomaly

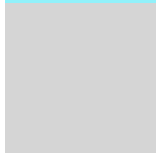
75.6949, 0.2560, 0.3129

Monochromacy



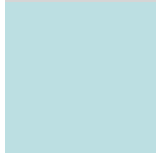
Original Color

75.8325, 0.2536, 0.3185



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.9577, 0.2872, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8325, 0.2536, 0.3185 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(145, 241, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 241, 250)  
}
```

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(145, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 241, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.8325, 0.2536, 0.3185 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(145, 241, 250) }
```

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

```
.border{ border-color:rgb(145, 241, 250) }
```

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

Here you see how a box with a 4 pixel rgb(145, 241, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 241,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8325, 0.2536, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 241, 250) }
```

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

```
.background{ background-color: rgb(145,  
241, 250) }
```

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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