

Converting Colors

$Yxy(77.3390, 0.2535, 0.3287)$

Have a look what the booklet for
Yxy(77.3390, 0.2535, 0.3287)
contains.

Yxy(77.3007, 0.2536, 0.3288)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.3007, 0.2536, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8AF5F5
RGB	138, 245, 245
RGB Percent	54%, 96%, 96%
CMY	0.4587, 0.0392, 0.0391
CMYK	0.44, 0.00, 0.00, 0.04
HSL	180°, 84%, 75%
HSV	180°, 44%, 96%
XYZ	59.6212, 77.3007, 98.1775
YIQ	213.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

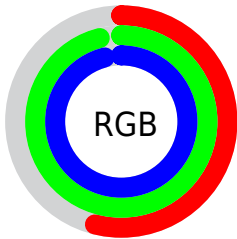
Format	Color
RYB	138, 192, 245
Decimal	9106933
CIELab	90.46, -30.87, -9.67
CIElCh	90, 32.343, 197.390
Yxy	77.3007, 0.2536, 0.3288
Android (android.graphics.Color)	4287297013 (0xFF8AF5F5)
YUV	213.0070, 15.7725, -65.7811
Hunter-Lab	87.9208, -32.8163, -4.6621

Details

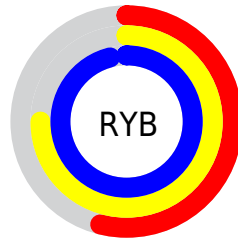
The Yxy color **77.3007, 0.2536, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.4456, 0.4288, 0.3294**, and the grayscale version is **66.4770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **41.2603, 0.2404, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **75.4408, 0.2441, 0.3288**, and if you desaturate by 10%, it is **79.6381, 0.2649, 0.3288**.

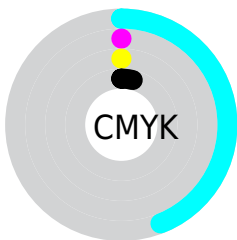
Distribution



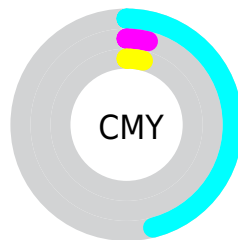
- Red (54%)
- Green (96%)
- Blue (96%)



- Red (54%)
- Yellow (75%)
- Blue (96%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3007, 0.2536, 0.3288 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 77.3007, 0.2536, 0.3288 by changing the saturation by 10% instead.


 77.3007, 0.2536,
0.3288


 77.3007, 0.2536,
0.3288

485.7887, 0.2802,
0.3295

 57.4997, 0.2477,
0.3285

 129.5639, 0.2627,
0.3291

 41.4066, 0.2406,
0.3281

 162.7948, 0.2662,
0.3293

 28.6369, 0.2317,
0.3274


201.2712, 0.2693,
0.3293

 18.8063, 0.2204,
0.3264

245.3775, 0.2720,
0.3294

 11.5304, 0.2055,
0.3248

295.4979, 0.2744,
0.3294

 6.4248, 0.1851,
0.3218

352.0170, 0.2765,

 3.1051, 0.1558,

0.3295

0.3159

415.3191, 0.2784,
0.3295

■ 1.1868, 0.0905,
0.3096

■ 0.0509, 0.0000,
0.0651

■ 77.3007, 0.2536,
0.3288

■ 77.3007, 0.2536,
0.3288

■ 75.4408, 0.2441,
0.3288

■ 79.6381, 0.2649,
0.3288

■ 74.0171, 0.2365,
0.3287


■ 82.4729, 0.2777,
0.3289


■ 72.9967, 0.2309,
0.3287


■ 85.8350, 0.2919,
0.3289


■ 72.3377, 0.2272,
0.3287


■ 89.7491, 0.3070,
0.3290


 71.9892, 0.2253,
0.3287


 93.1713, 0.3192,
0.3290

 71.8813, 0.2246,
0.3287

 93.1741, 0.3192,
0.3290

 93.1769, 0.3192,
0.3290

 93.1797, 0.3192,
0.3290

 93.1825, 0.3192,
0.3290

Harmonies

Analogous

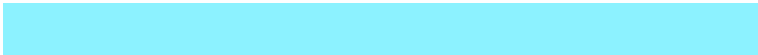
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3007, 0.2806, 0.3656



77.3007, 0.2536, 0.3288



77.3007, 0.2421, 0.2949

Triad

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



77.3007, 0.2536, 0.3288



77.3007, 0.3045, 0.2753



77.3007, 0.3808, 0.3827

Complementary

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



77.3007, 0.2536, 0.3288



39.4456, 0.4288, 0.3294

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.



77.3007, 0.3889, 0.3558



77.3007, 0.2536, 0.3288



77.3007, 0.3433, 0.2959

Square

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



77.3007, 0.2536, 0.3288



77.3007, 0.2700, 0.2668



77.3007, 0.3750, 0.3246



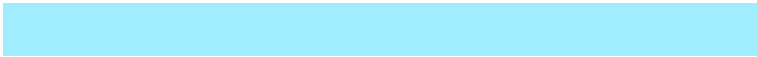
77.3007, 0.3541, 0.3971

Rectangle

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



77.3007, 0.2536, 0.3288



77.3007, 0.2440, 0.2788



77.3007, 0.3750, 0.3246



77.3007, 0.3858, 0.3747

Sweetspot

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



77.3037, 0.2536, 0.3288



94.2419, 0.2928, 0.3289



72.5584, 0.3063, 0.4656



19.9846, 0.2896, 0.3289



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

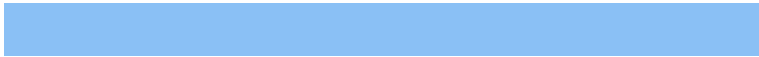
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3037, 0.2536, 0.3288



82.8908, 0.2455, 0.3288



49.4926, 0.2422, 0.2622



18.7573, 0.2981, 0.3290



38.7177, 0.2246, 0.3287



3.4031, 0.2246, 0.3287

Inverse Universe

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



44.1961, 0.3178, 0.2221



42.4959, 0.3186, 0.2042



58.7442, 0.4015, 0.3867



16.7683, 0.3138, 0.3057



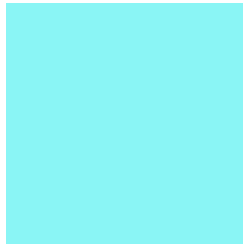
14.0080, 0.3210, 0.1542



1.2312, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 77.3007, 0.2536, 0.3288 looks on a white background.

Color Contrast Check

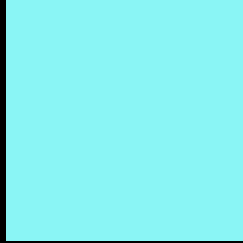
Large Text (above 18pt) WCAG AA × Fail

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 77.3007, 0.2536, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

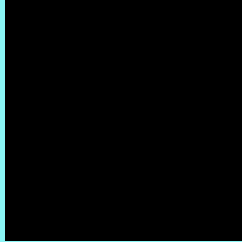
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3007, 0.2536, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 77.3007, 0.2536, 0.3288.

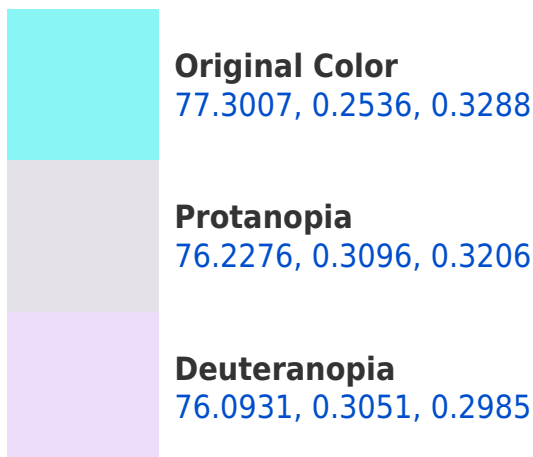


This preview shows how white text looks on a background with the Yxy color 77.3007, 0.2536, 0.3288.

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

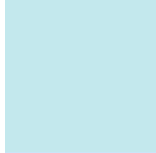
76.9523, 0.2604, 0.3110

Trichromacy



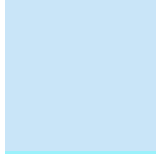
Original Color

77.3007, 0.2536, 0.3288



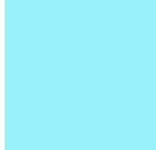
Protanomaly

75.4298, 0.2857, 0.3234



Deuteranomaly

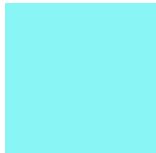
75.2334, 0.2830, 0.3084



Tritanomaly

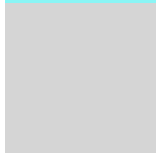
76.8442, 0.2577, 0.3175

Monochromacy



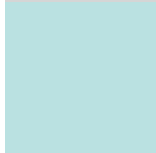
Original Color

77.3007, 0.2536, 0.3288



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

69.7258, 0.2867, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3007, 0.2536, 0.3288 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(138, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(138, 245, 245)  
}
```

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(138, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 245, 245) }
```

Border

The CSS property to change the border of an element to Yxy 77.3007, 0.2536, 0.3288 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(138, 245, 245) }
```

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

```
.border{ border-color:rgb(138, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(138, 245,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3007, 0.2536, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 245, 245) }
```

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

```
.background{ background-color: rgb(138,  
245, 245) }
```

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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