

Converting Colors

$Yxy(77.1383, 0.2464, 0.3430)$

Have a look what the booklet for
Yxy(77.1383, 0.2464, 0.3430)
contains.

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Color

Yxy(77.0539, 0.2466, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	6CF9ED
RGB	108, 249, 237
RGB Percent	42%, 98%, 93%
CMY	0.5761, 0.0235, 0.0707
CMYK	0.57, 0.00, 0.05, 0.02
HSL	175°, 92%, 70%
HSV	175°, 57%, 98%
XYZ	55.3495, 77.0539, 92.0472
YIQ	205.4730, -80.1840, -33.6240

Conversions

Conversions Part 2

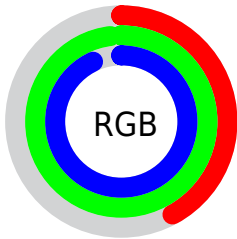
Format	Color
R _{YB}	108, 182, 249
Decimal	7141869
CIE Lab	90.35, -40.85, -5.75
CIE LCh	90, 41.256, 188.017
Yxy	77.0539, 0.2466, 0.3433
Android (android.graphics.Color)	4285331949 (0xFF6CF9ED)
YUV	205.4730, 15.5428, -85.4838
Hunter-Lab	87.7804, -41.0632, -0.7257

Details

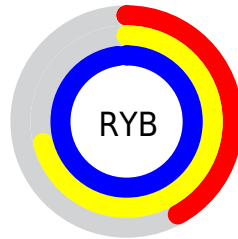
The Yxy color **77.0539, 0.2466, 0.3433** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **32.2436, 0.4709, 0.3174**, and the grayscale version is **61.3197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2860, 0.2652, 0.3289**, and **41.2685, 0.2320, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **75.5871, 0.2402, 0.3462**, and if you desaturate by 10%, it is **78.9739, 0.2549, 0.3404**.

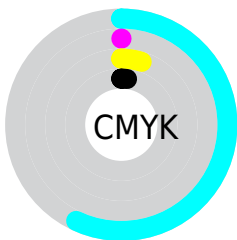
Distribution



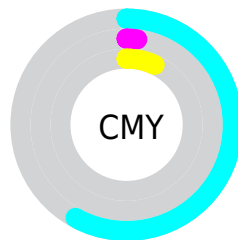
- Red (42%)
- Green (98%)
- Blue (93%)



- Red (42%)
- Yellow (71%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (58%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0539, 0.2466, 0.3433 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 77.0539, 0.2466, 0.3433 by changing the saturation by 10% instead.


 77.0539, 0.2466,
0.3433


 77.0539, 0.2466,
0.3433

484.9478, 0.2764,
0.3373

 57.2971, 0.2400,
0.3445


 129.2156, 0.2568,
0.3413

 41.2438, 0.2320,
0.3459


 162.3892, 0.2608,
0.3405

 28.5097, 0.2220,
0.3476


 200.8040, 0.2642,
0.3398

 18.7102, 0.2093,
0.3496

244.8442, 0.2673,
0.3392

 11.4611, 0.1925,
0.3520

294.8943, 0.2699,
0.3387

 6.3779, 0.1697,
0.3546


351.3387, 0.2723,


 3.0762, 0.1371,


0.3382

0.3570

414.5617, 0.2745,
0.3377

 1.1716, 0.0296,
0.3795


 0.0384, 0.0000,
0.0795

 77.0539, 0.2466,
0.3433


 77.0539, 0.2466,
0.3433


 75.5871, 0.2402,
0.3462


 78.9739, 0.2549,
0.3404

 74.5256, 0.2357,
0.3492


 81.3727, 0.2650,
0.3377


 73.8264, 0.2331,
0.3521

 84.2844, 0.2766,
0.3351


 73.4322, 0.2323,
0.3550


 87.7374, 0.2895,
0.3326


 73.3371, 0.2322,
0.3560

 91.7581, 0.3033,
0.3304

 95.8954, 0.3161,
0.3283

 96.0294, 0.3148,
0.3263

 96.1649, 0.3136,
0.3243

 96.2305, 0.3130,
0.3233

Harmonies

Analogous

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



77.0539, 0.2850, 0.3894



77.0539, 0.2466, 0.3433



77.0539, 0.2262, 0.2968

Triad

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



77.0539, 0.2466, 0.3433



77.0539, 0.2870, 0.2568



77.0539, 0.4054, 0.3862

Complementary

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



77.0539, 0.2466, 0.3433



32.2436, 0.4709, 0.3174

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.



77.0539, 0.4077, 0.3492



77.0539, 0.2466, 0.3433



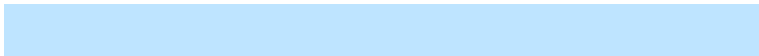
77.0539, 0.3361, 0.2780

Square

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



77.0539, 0.2466, 0.3433



77.0539, 0.2481, 0.2514



77.0539, 0.3816, 0.3108



77.0539, 0.3772, 0.4122

Rectangle

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



77.0539, 0.2466, 0.3433



77.0539, 0.2243, 0.2732



77.0539, 0.3816, 0.3108



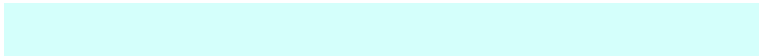
77.0539, 0.4094, 0.3746

Sweetspot

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



77.0569, 0.2466, 0.3433



92.4489, 0.2889, 0.3327



72.9863, 0.3109, 0.5084



19.6219, 0.2862, 0.3332



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.



77.0569, 0.2466, 0.3433



79.5985, 0.2394, 0.3467



48.0130, 0.2262, 0.2568



19.5815, 0.2992, 0.3310



39.2673, 0.2321, 0.3555



3.6441, 0.2311, 0.3520

Inverse Universe

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



32.2436, 0.4709, 0.3174



28.0865, 0.5233, 0.3170



47.9386, 0.4460, 0.3877



17.2493, 0.3281, 0.3270



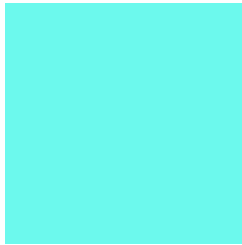
10.8183, 0.6308, 0.3249



1.0099, 0.6110, 0.3139

Previews

White Background



This preview shows how the Yxy color 77.0539, 0.2466, 0.3433 looks on a white background.

Color Contrast Check

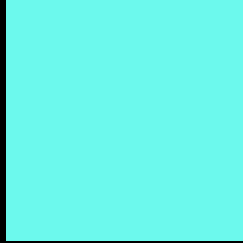
Large Text (above 18pt) WCAG AA × Fail

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 77.0539, 0.2466, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

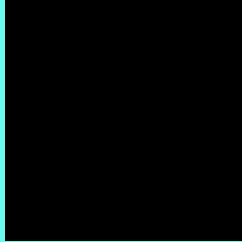
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0539, 0.2466, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 77.0539, 0.2466, 0.3433.

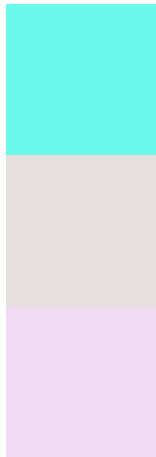


This preview shows how white text looks on a background with the Yxy color 77.0539, 0.2466, 0.3433.

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

77.0539, 0.2466, 0.3433

Protanopia

76.0011, 0.3175, 0.3311

Deuteranopia

75.6594, 0.3117, 0.3046



Tritanopia

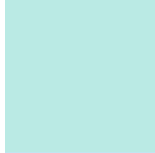
76.6081, 0.2562, 0.3119

Trichromacy



Original Color

77.0539, 0.2466, 0.3433



Protanomaly

74.8862, 0.2855, 0.3357



Deuteranomaly

74.1510, 0.2815, 0.3167



Tritanomaly

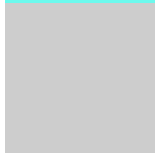
76.3675, 0.2523, 0.3230

Monochromacy



Original Color

77.0539, 0.2466, 0.3433



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

65.2687, 0.2810, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0539, 0.2466, 0.3433 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(108, 249, 237)` looks like.

```
.text, #text, p{  
    color:rgb(108, 249, 237)  
}
```

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(108, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 249, 237) }
```

Border

The CSS property to change the border of an element to Yxy 77.0539, 0.2466, 0.3433 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(108, 249, 237) }
```

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

```
.border{ border-color:rgb(108, 249, 237) }
```

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

Here you see how a box with a 4 pixel rgb(108, 249, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(108, 249,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0539, 0.2466, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 249, 237) }
```

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

```
.background{ background-color: rgb(108,  
249, 237) }
```

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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