

Converting Colors

$Yxy(75.7775, 0.2637, 0.3255)$

Have a look what the booklet for
Yxy(75.7775, 0.2637, 0.3255)
contains.

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Color

Yxy(75.5147, 0.2637, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	9FEFF2
RGB	159, 239, 242
RGB Percent	62%, 94%, 95%
CMY	0.3763, 0.0627, 0.0510
CMYK	0.34, 0.01, 0.00, 0.05
HSL	182°, 76%, 79%
HSV	182°, 34%, 95%
XYZ	61.1961, 75.5147, 95.3565
YIQ	215.4220, -48.6430, -16.0270

Conversions

Conversions Part 2

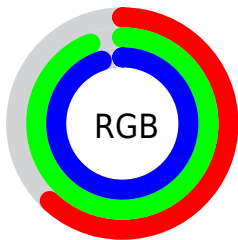
Format	Color
R _Y B	159, 200, 242
Decimal	10481650
CIE Lab	89.63, -23.57, -9.22
CIE LCh	90, 25.308, 201.371
Yxy	75.5147, 0.2637, 0.3254
Android (android.graphics.Color)	4288671730 (0xFF9FEFF2)
YUV	215.4220, 13.1030, -49.4821
Hunter-Lab	86.8992, -26.3703, -4.2308

Details

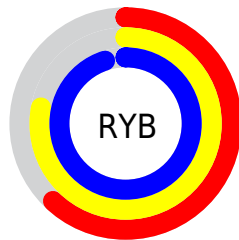
The Yxy color **75.5147, 0.2637, 0.3254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.2363, 0.3929, 0.3326**, and the grayscale version is **68.1964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **40.2957, 0.2526, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **72.7685, 0.2522, 0.3242**, and if you desaturate by 10%, it is **78.7538, 0.2767, 0.3265**.

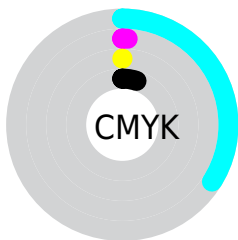
Distribution



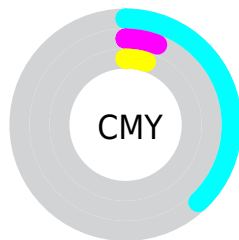
- Red (62%)
- Green (94%)
- Blue (95%)



- Red (62%)
- Yellow (78%)
- Blue (95%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)





- Cyan (38%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5147, 0.2637, 0.3254 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 75.5147, 0.2637, 0.3254 by changing the saturation by 10% instead.

 75.5147, 0.2637,
0.3254

 75.5147, 0.2637,
0.3254


479.6848, 0.2859,
0.3275

 56.0347, 0.2588,
0.3248


 127.0407, 0.2713,
0.3262

 40.2307, 0.2527,
0.3241


 159.8554, 0.2743,
0.3265

 27.7185, 0.2452,
0.3231


197.8838, 0.2769,
0.3267

 18.1135, 0.2355,
0.3216

241.5103, 0.2791,
0.3269

 11.0315, 0.2226,
0.3194

291.1192, 0.2811,
0.3271

 6.0881, 0.2047,
0.3158

347.0950, 0.2829,

 2.8987, 0.1784,

0.3272

0.3093

409.8221, 0.2845,
0.3274

1.0791, 0.1220,
0.3004

0.0000, 0.0000,
0.0000

75.5147, 0.2637,
0.3254

75.5147, 0.2637,
0.3254

72.7685, 0.2522,
0.3242

78.7538, 0.2767,
0.3265

70.4777, 0.2424,
0.3230

82.5027, 0.2909,
0.3276

68.6140, 0.2345,
0.3218

86.7888, 0.3060,
0.3286

67.1421, 0.2286,
0.3205

91.4761, 0.3212,
0.3295

■ 66.0211, 0.2246,
0.3193

■ 92.0005, 0.3211,
0.3304

■ 65.2009, 0.2223,
0.3181

■ 92.5274, 0.3211,
0.3312

■ 64.8245, 0.2215,
0.3175

■ 93.0569, 0.3210,
0.3321

■ 93.5888, 0.3209,
0.3329

■ 94.1233, 0.3209,
0.3337

Harmonies

Analogous

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



75.5147, 0.2840, 0.3541



75.5147, 0.2637, 0.3254



75.5147, 0.2561, 0.2996

Triad

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



75.5147, 0.2637, 0.3254



75.5147, 0.3105, 0.2876



75.5147, 0.3645, 0.3741

Complementary

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



75.5147, 0.2637, 0.3254



47.2363, 0.3929, 0.3326

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.



75.5147, 0.3728, 0.3541



75.5147, 0.2637, 0.3254



75.5147, 0.3408, 0.3054

Square

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



75.5147, 0.2637, 0.3254



75.5147, 0.2821, 0.2795



75.5147, 0.3641, 0.3292



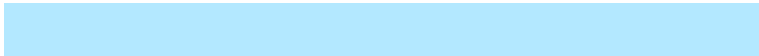
75.5147, 0.3422, 0.3828

Rectangle

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



75.5147, 0.2637, 0.3254



75.5147, 0.2589, 0.2875



75.5147, 0.3641, 0.3292



75.5147, 0.3691, 0.3683

Sweetspot

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



75.5177, 0.2637, 0.3254



94.8926, 0.2973, 0.3280



73.4823, 0.3064, 0.4284



20.1680, 0.2951, 0.3279



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.



75.5177, 0.2637, 0.3254



82.8748, 0.2557, 0.3246



54.0605, 0.2571, 0.2754



17.8250, 0.2981, 0.3281



34.8688, 0.2216, 0.3177



2.9312, 0.2220, 0.3192

Inverse Universe

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



49.9175, 0.3192, 0.2466



50.1951, 0.3206, 0.2310



64.2284, 0.3775, 0.3770



16.0209, 0.3144, 0.3066



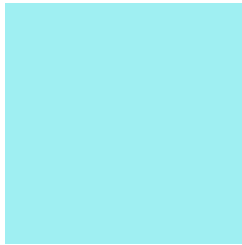
13.3134, 0.3302, 0.1593



1.1106, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 75.5147, 0.2637, 0.3254 looks on a white background.

Color Contrast Check

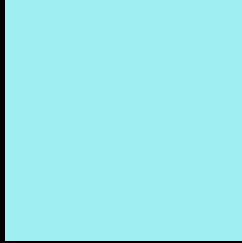
Large Text (above 18pt) WCAG AA × Fail

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 75.5147, 0.2637, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

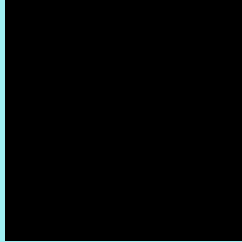
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5147, 0.2637, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 75.5147, 0.2637, 0.3254.

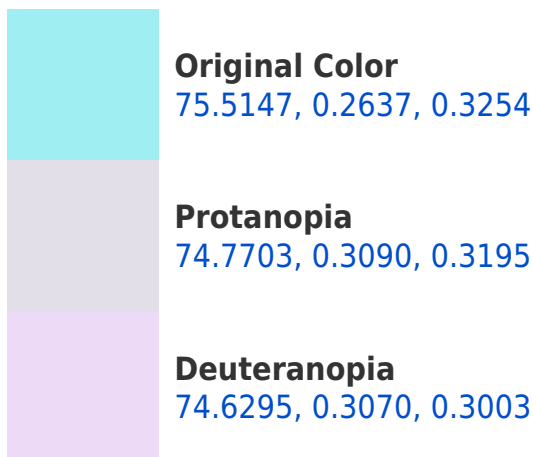


This preview shows how white text looks on a background with the Yxy color 75.5147, 0.2637, 0.3254.

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

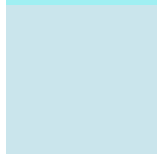
75.2102, 0.2599, 0.3075

Trichromacy



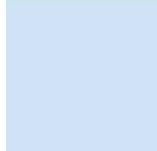
Original Color

75.5147, 0.2637, 0.3254



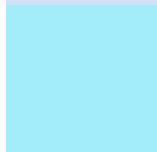
Protanomaly

74.6513, 0.2906, 0.3213



Deuteranomaly

74.3952, 0.2890, 0.3085



Tritanomaly

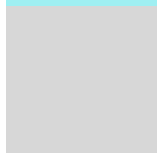
75.2570, 0.2615, 0.3141

Monochromacy



Original Color

75.5147, 0.2637, 0.3254



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.3497, 0.2924, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5147, 0.2637, 0.3254 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(159, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(159, 239, 242)  
}
```

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(159, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 239, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.5147, 0.2637, 0.3254 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(159, 239, 242) }
```

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

```
.border{ border-color:rgb(159, 239, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 239, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(159, 239,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5147, 0.2637, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 239, 242) }
```

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

```
.background{ background-color: rgb(159,  
239, 242) }
```

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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