

Converting Colors

$Yxy(76.2546, 0.2552, 0.3232)$

Have a look what the booklet for
Yxy(76.2546, 0.2552, 0.3232)
contains.

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Color

Yxy(76.2394, 0.2552, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	91F2F7
RGB	145, 242, 247
RGB Percent	57%, 95%, 97%
CMY	0.4312, 0.0510, 0.0315
CMYK	0.41, 0.02, 0.00, 0.03
HSL	183°, 86%, 77%
HSV	183°, 41%, 97%
XYZ	60.2176, 76.2394, 99.5053
YIQ	213.5670, -59.4170, -19.0090

Conversions

Conversions Part 2

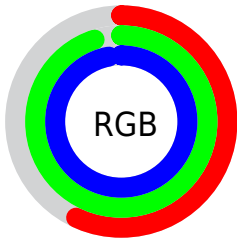
Format	Color
R _Y B	145, 195, 247
Decimal	9564919
CIE Lab	89.97, -27.33, -11.38
CIE LCh	90, 29.606, 202.600
Yxy	76.2394, 0.2552, 0.3231
Android (android.graphics.Color)	4287754999 (0xFF91F2F7)
YUV	213.5670, 16.4825, -60.1333
Hunter-Lab	87.3152, -29.6977, -6.4469

Details

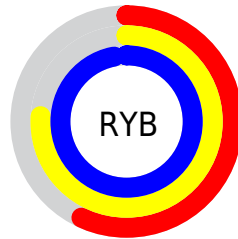
The Yxy color **76.2394, 0.2552, 0.3231** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.6256, 0.4171, 0.3347**, and the grayscale version is **66.8626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **40.9056, 0.2426, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **73.5237, 0.2447, 0.3215**, and if you desaturate by 10%, it is **79.4534, 0.2673, 0.3247**.

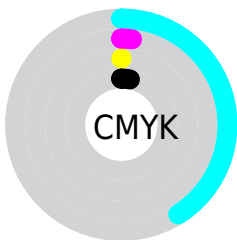
Distribution



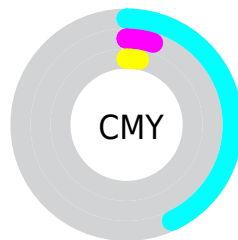
- Red (57%)
- Green (95%)
- Blue (97%)



- Red (57%)
- Yellow (76%)
- Blue (97%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)




- Cyan (43%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2394, 0.2552, 0.3231 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 76.2394, 0.2552, 0.3231 by changing the saturation by 10% instead.


 76.2394, 0.2552,
0.3231

 76.2394, 0.2552,
0.3231


482.1668, 0.2811,
0.3264

 56.6288, 0.2495,
0.3222


 128.0653, 0.2640,
0.3243

 40.7073, 0.2425,
0.3211


 161.0493, 0.2675,
0.3248

 28.0905, 0.2338,
0.3195


199.2600, 0.2705,
0.3252

 18.3939, 0.2227,
0.3173

243.0818, 0.2732,
0.3255

 11.2331, 0.2081,
0.3141

292.8989, 0.2755,
0.3258

 6.2239, 0.1881,
0.3089

349.0959, 0.2776,

 2.9817, 0.1592,

0.3260

0.2998

412.0570, 0.2794,
0.3262

■ 1.1222, 0.0976,
0.2867

■ 0.0000, 0.0000,
0.0000

■ 76.2394, 0.2552,
0.3231

■ 76.2394, 0.2552,
0.3231

■ 73.5237, 0.2447,
0.3215

■ 79.4534, 0.2673,
0.3247

■ 71.2654, 0.2361,
0.3198

■ 83.1857, 0.2808,
0.3262


■ 69.4318, 0.2294,
0.3182

■ 87.4663, 0.2954,
0.3276

■ 67.9819, 0.2247,
0.3165


■ 92.3199, 0.3107,
0.3288


 66.8664, 0.2218,
0.3149


 95.1145, 0.3178,
0.3300

 66.0985, 0.2204,
0.3135

 95.8558, 0.3177,
0.3312

 96.6018, 0.3177,
0.3323

 97.3527, 0.3176,
0.3335

 98.1083, 0.3175,
0.3346

Harmonies

Analogous

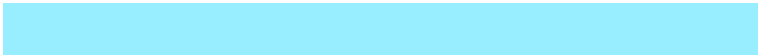
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2394, 0.2780, 0.3570



76.2394, 0.2552, 0.3231



76.2394, 0.2472, 0.2934

Triad

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



76.2394, 0.2552, 0.3231



76.2394, 0.3114, 0.2818



76.2394, 0.3722, 0.3819

Complementary

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



76.2394, 0.2552, 0.3231



43.6256, 0.4171, 0.3347

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.



76.2394, 0.3829, 0.3588



76.2394, 0.2552, 0.3231



76.2394, 0.3468, 0.3026

Square

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



76.2394, 0.2552, 0.3231



76.2394, 0.2783, 0.2719



76.2394, 0.3735, 0.3301



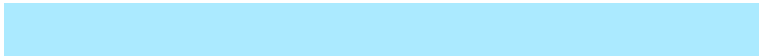
76.2394, 0.3455, 0.3920

Rectangle

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



76.2394, 0.2552, 0.3231



76.2394, 0.2509, 0.2799



76.2394, 0.3735, 0.3301



76.2394, 0.3778, 0.3753

Sweetspot

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



76.2424, 0.2552, 0.3231



93.7050, 0.2942, 0.3275



74.6736, 0.3050, 0.4527



19.9217, 0.2923, 0.3273



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.



76.2424, 0.2552, 0.3231



79.3960, 0.2459, 0.3217



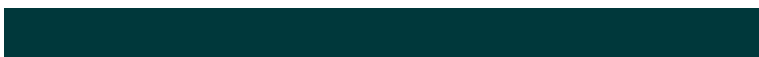
50.7017, 0.2453, 0.2622



18.6114, 0.2981, 0.3278



35.0325, 0.2205, 0.3138



3.1208, 0.2211, 0.3158

Inverse Universe

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



46.4416, 0.3217, 0.2316



43.3951, 0.3238, 0.2130



62.8434, 0.3940, 0.3870



16.7536, 0.3145, 0.3068



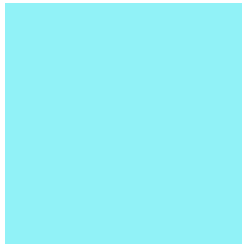
13.6359, 0.3335, 0.1611



1.2027, 0.3318, 0.1601

Previews

White Background



This preview shows how the Yxy color 76.2394, 0.2552, 0.3231 looks on a white background.

Color Contrast Check

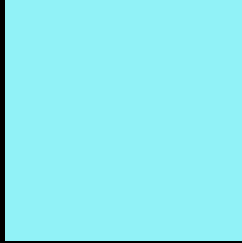
Large Text (above 18pt) WCAG AA × Fail

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 76.2394, 0.2552, 0.3231 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 76.2394, 0.2552, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 76.2394, 0.2552, 0.3231.

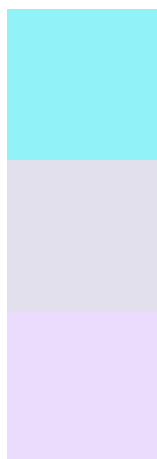


This preview shows how white text looks on a background with the Yxy color 76.2394, 0.2552, 0.3231.

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

76.2394, 0.2552, 0.3231

Protanopia

75.5362, 0.3064, 0.3163

Deuteranopia

75.3535, 0.3025, 0.2954



Tritanopia

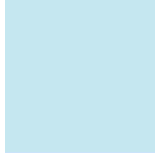
76.0505, 0.2587, 0.3098

Trichromacy



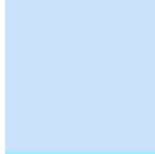
Original Color

76.2394, 0.2552, 0.3231



Protanomaly

75.3134, 0.2852, 0.3190



Deuteranomaly

74.3969, 0.2824, 0.3041



Tritanomaly

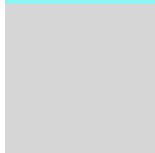
75.8292, 0.2574, 0.3141

Monochromacy



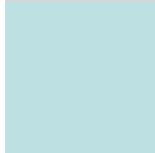
Original Color

76.2394, 0.2552, 0.3231



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.6211, 0.2879, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2394, 0.2552, 0.3231 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, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(145, 242, 247)  
}
```

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, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 242, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.2394, 0.2552, 0.3231 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, 242, 247) }
```

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

```
.border{ border-color:rgb(145, 242, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 242, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(145, 242,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2394, 0.2552, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 242, 247) }
```

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

```
.background{ background-color: rgb(145,  
242, 247) }
```

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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