

Converting Colors

$Yxy(79.8410, 0.2635, 0.3357)$

Have a look what the booklet for
Yxy(79.8410, 0.2635, 0.3357)
contains.

Yxy(79.8410, 0.2635, 0.3357)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.8410, 0.2635, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	9BF7F1
RGB	155, 247, 241
RGB Percent	61%, 97%, 95%
CMY	0.3917, 0.0314, 0.0549
CMYK	0.37, 0.00, 0.02, 0.03
HSL	176°, 85%, 79%
HSV	176°, 37%, 97%
XYZ	62.6694, 79.8410, 95.3240
YIQ	218.8080, -52.9060, -21.3700

Conversions

Conversions Part 2

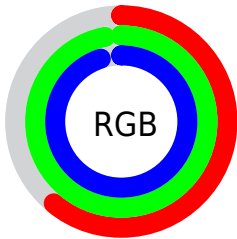
Format	Color
R _Y B	155, 203, 247
Decimal	10221553
CIE _{Lab}	91.61, -28.66, -5.79
CIE _{LCh}	92, 29.243, 191.414
Y _{xy}	79.8410, 0.2635, 0.3357
Android (android.graphics.Color)	4288411633 (0xFF9BF7F1)
YUV	218.8080, 10.9407, -55.9596
Hunter-Lab	89.3538, -31.1760, -0.7038

Details

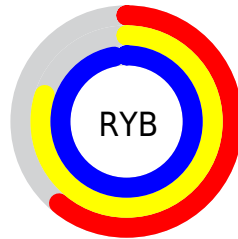
The Yxy color **79.8410, 0.2635, 0.3357** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.8259, 0.3982, 0.3227**, and the grayscale version is **70.6657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **42.9264, 0.2524, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **77.5474, 0.2534, 0.3378**, and if you desaturate by 10%, it is **82.6416, 0.2752, 0.3337**.

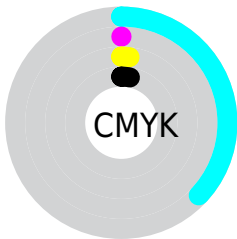
Distribution



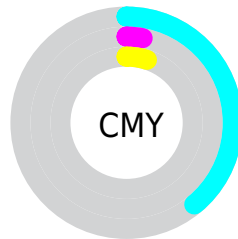
- Red (61%)
- Green (97%)
- Blue (95%)



- Red (61%)
- Yellow (80%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (39%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8410, 0.2635, 0.3357 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 79.8410, 0.2635, 0.3357 by changing the saturation by 10% instead.

 79.8410, 0.2635,
0.3357

 79.8410, 0.2635,
0.3357


494.3968, 0.2856,
0.3330

 59.5875, 0.2586,
0.3362


 133.1422, 0.2710,
0.3348

 43.0863, 0.2526,
0.3368


 166.9586, 0.2740,
0.3345

 29.9528, 0.2452,
0.3375


206.0649, 0.2766,
0.3342

 19.8028, 0.2357,
0.3383

250.8453, 0.2788,
0.3339

 12.2518, 0.2231,
0.3392

301.6844, 0.2808,
0.3336

 6.9154, 0.2058,
0.3400


358.9664, 0.2826,


 3.4092, 0.1805,


0.3334


0.3404

423.0757, 0.2842,
0.3332


 1.3489, 0.1324,
0.3421

 0.1786, 0.0000,
0.2297


 79.8410, 0.2635,
0.3357


 79.8410, 0.2635,
0.3357


 77.5474, 0.2534,
0.3378

 82.6416, 0.2752,
0.3337


 75.7207, 0.2450,
0.3399

 85.9679, 0.2882,
0.3319

 74.3301, 0.2385,
0.3421

 89.8489, 0.3022,
0.3301

 73.3368, 0.2340,
0.3444

 94.3090, 0.3169,
0.3286

72.6956, 0.2314,
0.3466

94.6172, 0.3166,
0.3270

72.3477, 0.2305,
0.3487

94.7182, 0.3157,
0.3255

72.2776, 0.2304,
0.3493

94.8200, 0.3147,
0.3240

94.9227, 0.3137,
0.3224

94.9946, 0.3131,
0.3214

Harmonies

Analogous

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



79.8410, 0.2902, 0.3673



79.8410, 0.2635, 0.3357



79.8410, 0.2500, 0.3041

Triad

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



79.8410, 0.2635, 0.3357



79.8410, 0.2987, 0.2780



79.8410, 0.3766, 0.3733

Complementary

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



79.8410, 0.2635, 0.3357



45.8259, 0.3982, 0.3227

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.



79.8410, 0.3798, 0.3479



79.8410, 0.2635, 0.3357



79.8410, 0.3334, 0.2948

Square

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



79.8410, 0.2635, 0.3357



79.8410, 0.2694, 0.2731



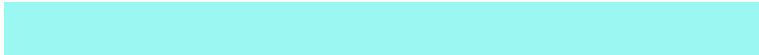
79.8410, 0.3638, 0.3197



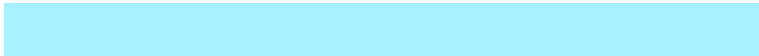
79.8410, 0.3557, 0.3886

Rectangle

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



79.8410, 0.2635, 0.3357



79.8410, 0.2496, 0.2879



79.8410, 0.3638, 0.3197



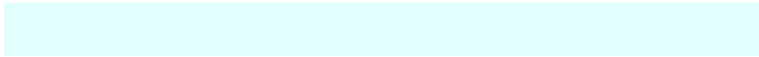
79.8410, 0.3799, 0.3656

Sweetspot

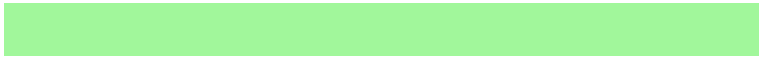
The Sweet Spot groups the original color and five complimentary colors.



79.8442, 0.2635, 0.3357



94.9455, 0.2968, 0.3308



76.4856, 0.3110, 0.4411



20.2001, 0.2949, 0.3310



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

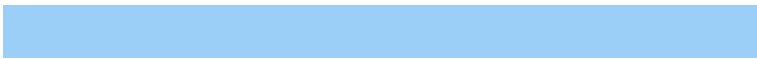
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8442, 0.2635, 0.3357



83.8647, 0.2554, 0.3373



58.4025, 0.2538, 0.2814



18.7381, 0.2989, 0.3305



38.2376, 0.2303, 0.3490



3.3662, 0.2295, 0.3462

Inverse Universe

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



45.8259, 0.3982, 0.3227



42.2189, 0.4263, 0.3215



61.1368, 0.3879, 0.3719



16.5000, 0.3283, 0.3275



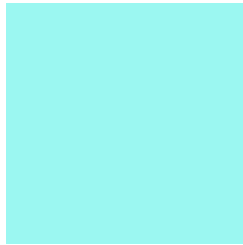
10.4848, 0.6332, 0.3262



0.9275, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 79.8410, 0.2635, 0.3357 looks on a white background.

Color Contrast Check

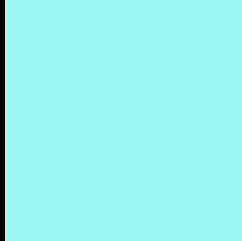
Large Text (above 18pt) WCAG AA × Fail

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 79.8410, 0.2635, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

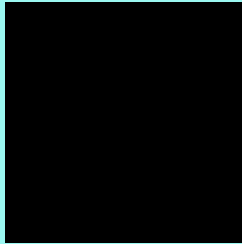
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8410, 0.2635, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 79.8410, 0.2635, 0.3357.

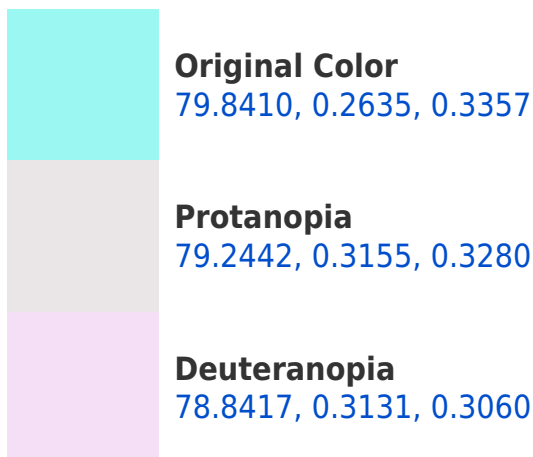


This preview shows how white text looks on a background with the Yxy color 79.8410, 0.2635, 0.3357.

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

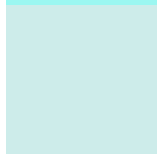
79.4853, 0.2693, 0.3125

Trichromacy



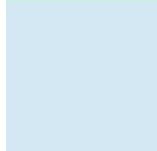
Original Color

79.8410, 0.2635, 0.3357



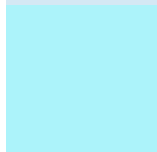
Protanomaly

78.9106, 0.2938, 0.3311



Deuteranomaly

78.2419, 0.2923, 0.3162



Tritanomaly

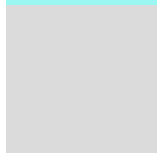
79.7740, 0.2669, 0.3211

Monochromacy



Original Color

79.8410, 0.2635, 0.3357



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.3204, 0.2920, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8410, 0.2635, 0.3357 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(155, 247, 241)` looks like.

```
.text, #text, p{  
    color:rgb(155, 247, 241)  
}
```

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(155, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 247, 241) }
```

Border

The CSS property to change the border of an element to Yxy 79.8410, 0.2635, 0.3357 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(155, 247, 241) }
```

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

```
.border{ border-color:rgb(155, 247, 241) }
```

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

Here you see how a box with a 4 pixel rgb(155, 247, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(155, 247,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8410, 0.2635, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 247, 241) }
```

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

```
.background{ background-color: rgb(155,  
247, 241) }
```

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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