

Converting Colors

$Yxy(79.7660, 0.2682, 0.3380)$

Have a look what the booklet for
Yxy(79.7660, 0.2682, 0.3380)
contains.

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Color

Yxy(79.7660, 0.2682, 0.3380)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A2F6EE |
| RGB | 162, 246, 238 |
| RGB Percent | 64%, 96%, 93% |
| CMY | 0.3645, 0.0353, 0.0667 |
| CMYK | 0.34, 0.00, 0.03, 0.04 |
| HSL | 174°, 82%, 80% |
| HSV | 174°, 34%, 96% |
| XYZ | 63.2936, 79.7660, 92.9345 |
| YIQ | 219.9720, -47.4960, -20.2960 |

Conversions

Conversions Part 2

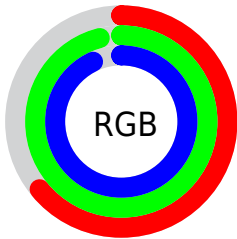
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 162, 206, 246 |
| Decimal | 10680046 |
| CIE Lab | 91.58, -27.08, -4.23 |
| CIE LCh | 92, 27.408, 188.884 |
| Yxy | 79.7660, 0.2682, 0.3380 |
| Android (android.graphics.Color) | 4288870126 (0xFFA2F6EE) |
| YUV | 219.9720, 8.8878, -50.8414 |
| Hunter-Lab | 89.3118, -29.7961, 0.8234 |

Details

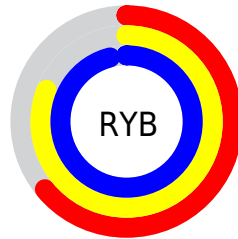
The Yxy color **79.7660, 0.2682, 0.3380** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.3560, 0.3857, 0.3205**, and the grayscale version is **71.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **42.8368, 0.2581, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **77.3019, 0.2578, 0.3411**, and if you desaturate by 10%, it is **82.7422, 0.2800, 0.3351**.

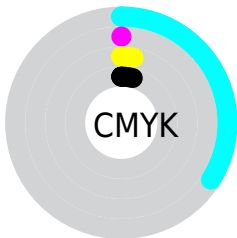
Distribution



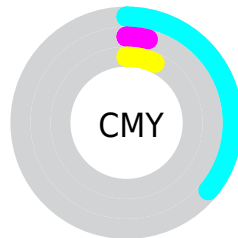
- Red (64%)
- Green (96%)
- Blue (93%)



- Red (64%)
- Yellow (81%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)




- Cyan (36%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.7660, 0.2682, 0.3380 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 79.7660, 0.2682, 0.3380 by changing the saturation by 10% instead.

 79.7660, 0.2682,
0.3380


 79.7660, 0.2682,
0.3380


494.1439, 0.2883,
0.3342

 59.5258, 0.2637,
0.3388

 133.0367, 0.2751,
0.3367

 43.0365, 0.2583,
0.3398


 166.8360, 0.2778,
0.3362

 29.9138, 0.2515,
0.3409

205.9238, 0.2801,
0.3358

 19.7732, 0.2428,
0.3423

250.6844, 0.2821,
0.3354

 12.2303, 0.2313,
0.3441

301.5024, 0.2839,
0.3350

 6.9007, 0.2152,
0.3463


358.7620, 0.2855,


 3.4001, 0.1916,


0.3347


422.8477, 0.2870,
0.3344


0.3490


 1.3440, 0.1470,
0.3545


 0.1749, 0.0000,
0.2645


 79.7660, 0.2682,
0.3380


 79.7660, 0.2682,
0.3380


 77.3019, 0.2578,
0.3411


 82.7422, 0.2800,
0.3351


 75.3108, 0.2491,
0.3442

 86.2482, 0.2930,
0.3324

 73.7633, 0.2422,
0.3475

 90.3121, 0.3068,
0.3300

 72.6229, 0.2373,
0.3508

 93.9092, 0.3177,
0.3277

71.8468, 0.2344,
0.3541

94.0555, 0.3163,
0.3254

71.3832, 0.2332,
0.3574

94.2035, 0.3149,
0.3232

71.2117, 0.2331,
0.3593

94.3535, 0.3135,
0.3209

94.3904, 0.3131,
0.3204

Harmonies

Analogous

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



79.7660, 0.2941, 0.3669



79.7660, 0.2682, 0.3380



79.7660, 0.2542, 0.3081

Triad

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



79.7660, 0.2682, 0.3380



79.7660, 0.2970, 0.2801



79.7660, 0.3736, 0.3690

Complementary

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



79.7660, 0.2682, 0.3380



48.3560, 0.3857, 0.3205

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.



79.7660, 0.3750, 0.3447



79.7660, 0.2682, 0.3380



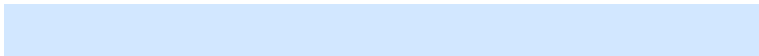
79.7660, 0.3295, 0.2951

Square

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



79.7660, 0.2682, 0.3380



79.7660, 0.2702, 0.2766



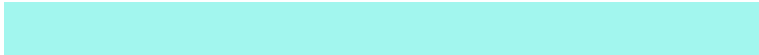
79.7660, 0.3586, 0.3182



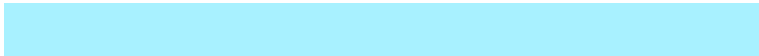
79.7660, 0.3553, 0.3842

Rectangle

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



79.7660, 0.2682, 0.3380



79.7660, 0.2530, 0.2922



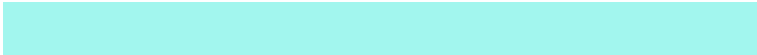
79.7660, 0.3586, 0.3182



79.7660, 0.3761, 0.3615

Sweetspot

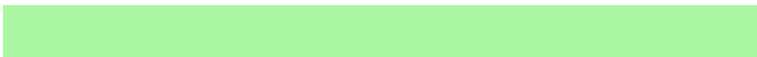
The Sweet Spot groups the original color and five complimentary colors.



79.7692, 0.2682, 0.3380



95.3245, 0.2986, 0.3314



77.1167, 0.3130, 0.4299



20.2735, 0.2967, 0.3317



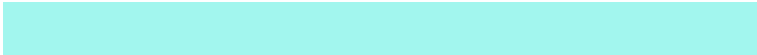
0.0000, 0.0000, 0.0000



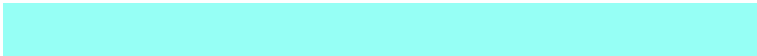
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7692, 0.2682, 0.3380



84.6404, 0.2608, 0.3401



61.6374, 0.2591, 0.2894



18.7289, 0.2993, 0.3313



38.0222, 0.2330, 0.3588



3.3496, 0.2319, 0.3547

Inverse Universe

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



48.3560, 0.3857, 0.3205



45.7698, 0.4082, 0.3188



61.5161, 0.3812, 0.3653



16.5082, 0.3279, 0.3268



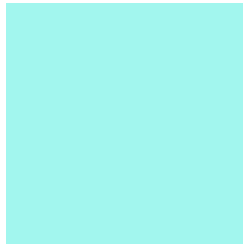
10.5008, 0.6293, 0.3240



0.9314, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 79.7660, 0.2682, 0.3380 looks on a white background.

Color Contrast Check

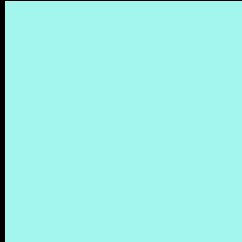
Large Text (above 18pt) WCAG AA × Fail

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 79.7660, 0.2682, 0.3380 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 79.7660, 0.2682, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 79.7660, 0.2682, 0.3380.

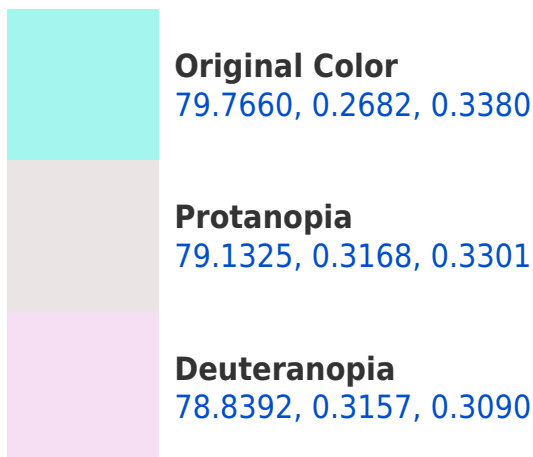


This preview shows how white text looks on a background with the Yxy color 79.7660, 0.2682, 0.3380.

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

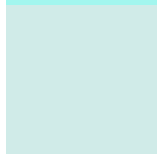
79.7305, 0.2704, 0.3126

Trichromacy



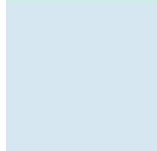
Original Color

79.7660, 0.2682, 0.3380



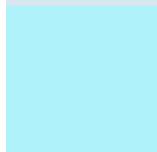
Protanomaly

78.6528, 0.2969, 0.3322



Deuteranomaly

77.9498, 0.2960, 0.3183



Tritanomaly

79.5739, 0.2694, 0.3211

Monochromacy



Original Color

79.7660, 0.2682, 0.3380



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.7268, 0.2939, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7660, 0.2682, 0.3380 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(162, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 238)  
}
```

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(162, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.7660, 0.2682, 0.3380 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(162, 246, 238) }
```

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

```
.border{ border-color:rgb(162, 246, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7660, 0.2682, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 238) }
```

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

```
.background{ background-color: rgb(162,  
246, 238) }
```

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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