

Converting Colors

$Yxy(79.6370, 0.2625, 0.3156)$

Have a look what the booklet for
Yxy(79.6370, 0.2625, 0.3156)
contains.

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Color

Yxy(79.6460, 0.2625, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	A8F3FF
RGB	168, 243, 255
RGB Percent	66%, 95%, 100%
CMY	0.3412, 0.0470, 0.0001
CMYK	0.34, 0.05, 0.00, 0.00
HSL	188°, 100%, 83%
HSV	188°, 34%, 100%
XYZ	66.2455, 79.6460, 106.4723
YIQ	221.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

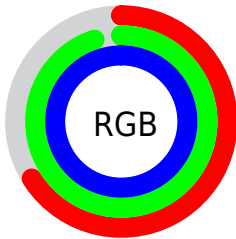
Format	Color
R_{YB}	168, 208, 255
Decimal	11072511
CIE _{Lab}	91.53, -20.16, -13.12
CIE _{LCh}	92, 24.056, 213.061
Yxy	79.6460, 0.2625, 0.3156
Android (android.graphics.Color)	4289262591 (0xFFA8F3FF)
YUV	221.9430, 16.2971, -47.3080
Hunter-Lab	89.2446, -23.6791, -8.2640

Details

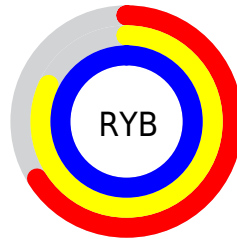
The Yxy color **79.6460, 0.2625, 0.3156** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.7146, 0.3894, 0.3418**, and the grayscale version is **72.9138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **43.0626, 0.2517, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **75.0387, 0.2500, 0.3111**, and if you desaturate by 10%, it is **84.8484, 0.2763, 0.3199**.

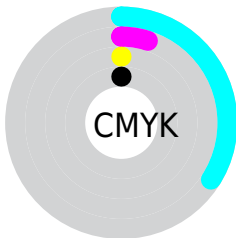
Distribution



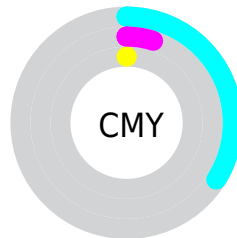
- Red (66%)
- Green (95%)
- Blue (100%)



- Red (66%)
- Yellow (82%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6460, 0.2625, 0.3156 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 79.6460, 0.2625, 0.3156 by changing the saturation by 10% instead.

 79.6460, 0.2625,
0.3156

 79.6460, 0.2625,
0.3156


493.7390, 0.2850,
0.3221

 59.4271, 0.2576,
0.3140

 132.8679, 0.2701,
0.3179

 42.9570, 0.2516,
0.3121


166.6397, 0.2731,
0.3188

 29.8514, 0.2441,
0.3095


205.6979, 0.2758,
0.3196

 19.7258, 0.2346,
0.3061

250.4269, 0.2781,
0.3202

 12.1959, 0.2221,
0.3014

301.2112, 0.2801,
0.3208

 6.8772, 0.2051,
0.2944


358.4350, 0.2819,


 3.3854, 0.1805,

0.3213


0.2831

422.4828, 0.2835,
0.3218


 1.3361, 0.1418,
0.2629

 0.1689, 0.0000,
0.1323

 79.6460, 0.2625,
0.3156


 79.6460, 0.2625,
0.3156


 75.0387, 0.2500,
0.3111


 84.8484, 0.2763,
0.3199

 70.9847, 0.2390,
0.3063

 90.6663, 0.2910,
0.3239

 67.4512, 0.2297,
0.3015

 97.1305, 0.3063,
0.3276

 64.3981, 0.2224,
0.2965

99.9988, 0.3127,
0.3290

■ 61.7785, 0.2171,
0.2916

■ 59.5354, 0.2136,
0.2867

■ 58.3432, 0.2122,
0.2839

Harmonies

Analogous

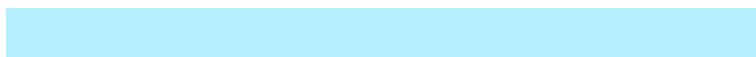
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6460, 0.2773, 0.3423



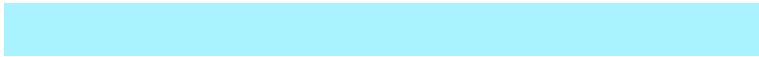
79.6460, 0.2625, 0.3156



79.6460, 0.2605, 0.2944

Triad

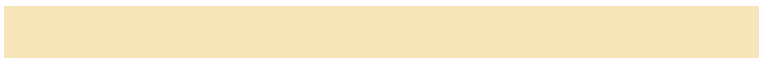
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6460, 0.2625, 0.3156



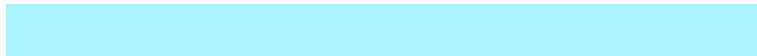
79.6460, 0.3220, 0.2958



79.6460, 0.3543, 0.3759

Complementary

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



79.6460, 0.2625, 0.3156



56.7146, 0.3894, 0.3418

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.



79.6460, 0.3676, 0.3607



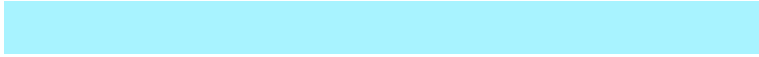
79.6460, 0.2625, 0.3156



79.6460, 0.3486, 0.3152

Square

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



79.6460, 0.2625, 0.3156



79.6460, 0.2938, 0.2843



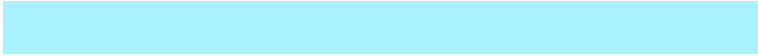
79.6460, 0.3657, 0.3386



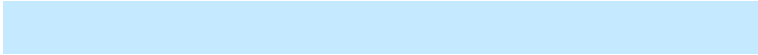
79.6460, 0.3299, 0.3784

Rectangle

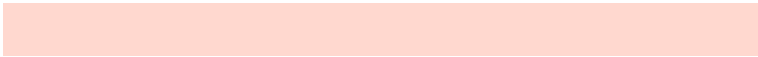
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6460, 0.2625, 0.3156



79.6460, 0.2666, 0.2858



79.6460, 0.3657, 0.3386



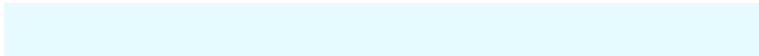
79.6460, 0.3602, 0.3720

Sweetspot

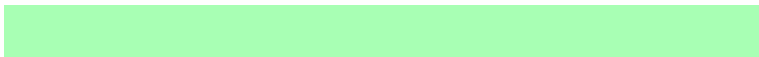
The Sweet Spot groups the original color and five complimentary colors.



79.6492, 0.2625, 0.3156



93.2612, 0.2972, 0.3255



83.1115, 0.3019, 0.4175



19.7704, 0.2951, 0.3249



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.



79.6492, 0.2625, 0.3156



76.4257, 0.2537, 0.3125



56.8019, 0.2558, 0.2651



20.0298, 0.2980, 0.3256



30.6553, 0.2124, 0.2847



3.0973, 0.2140, 0.2902

Inverse Universe

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



55.7325, 0.3262, 0.2546



49.5441, 0.3295, 0.2400



76.9056, 0.3744, 0.3854



18.2548, 0.3159, 0.3087



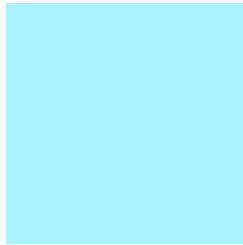
13.8226, 0.3591, 0.1752



1.3572, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 79.6460, 0.2625, 0.3156 looks on a white background.

Color Contrast Check

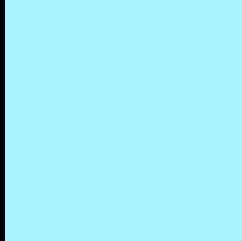
Large Text (above 18pt) WCAG AA × Fail

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 79.6460, 0.2625, 0.3156 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 79.6460, 0.2625, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 79.6460, 0.2625, 0.3156.

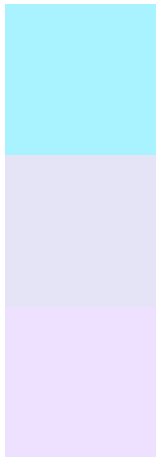


This preview shows how white text looks on a background with the Yxy color 79.6460, 0.2625, 0.3156.

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

79.6460, 0.2625, 0.3156

Protanopia

78.7986, 0.3021, 0.3104

Deuteranopia

79.0750, 0.3019, 0.2988



Tritanopia

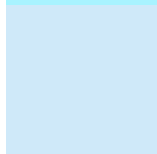
79.2673, 0.2709, 0.3115

Trichromacy



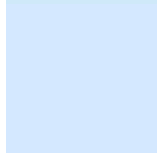
Original Color

79.6460, 0.2625, 0.3156



Protanomaly

78.3828, 0.2864, 0.3119



Deuteranomaly

78.9303, 0.2860, 0.3048



Tritanomaly

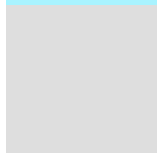
79.1239, 0.2677, 0.3125

Monochromacy



Original Color

79.6460, 0.2625, 0.3156



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.0907, 0.2918, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6460, 0.2625, 0.3156 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(168, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 243, 255)  
}
```

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(168, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 243, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.6460, 0.2625, 0.3156 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(168, 243, 255) }
```

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

```
.border{ border-color:rgb(168, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 243,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6460, 0.2625, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 243, 255) }
```

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

```
.background{ background-color: rgb(168,  
243, 255) }
```

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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