

Converting Colors

$Y_{xy}(60.9759, 0.2196, 0.2886)$

Have a look what the booklet for
Yxy(60.9759, 0.2196, 0.2886)
contains.

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Color

Yxy(61.0195, 0.2196, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	3EDFFF
RGB	62, 223, 255
RGB Percent	24%, 87%, 100%
CMY	0.7574, 0.1254, 0.0001
CMYK	0.76, 0.13, 0.00, 0.00
HSL	190°, 100%, 62%
HSV	190°, 76%, 100%
XYZ	46.4146, 61.0195, 103.9255
YIQ	178.5090, -106.2280, -24.1800

Conversions

Conversions Part 2

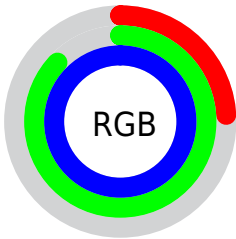
Format	Color
R _{YB}	62, 150, 255
Decimal	4120575
CIE Lab	82.39, -30.35, -27.28
CIE LCh	82, 40.811, 221.949
Yxy	61.0195, 0.2196, 0.2887
Android (android.graphics.Color)	4282310655 (0xFF3EDFFF)
YUV	178.5090, 37.7101, -102.1784
Hunter-Lab	78.1150, -30.6396, -24.1999

Details

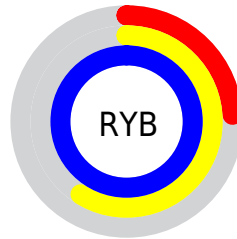
The Yxy color **61.0195, 0.2196, 0.2887** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **29.5769, 0.5521, 0.3543**, and the grayscale version is **44.6218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0584, 0.2508, 0.3288**, and **31.7147, 0.2106, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **58.1562, 0.2142, 0.2827**, and if you desaturate by 10%, it is **64.3294, 0.2270, 0.2947**.

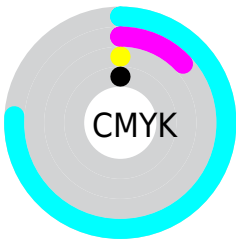
Distribution



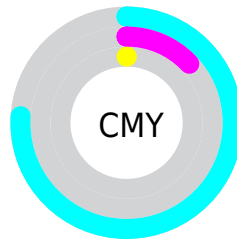
- Red (24%)
- Green (87%)
- Blue (100%)



- Red (24%)
- Yellow (59%)
- Blue (100%)



- Cyan (76%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0195, 0.2196, 0.2887 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 61.0195, 0.2196, 0.2887 by changing the saturation by 10% instead.


 61.0195, 0.2196,
0.2887

 61.0195, 0.2196,
0.2887


428.3455, 0.2621,
0.3091

 44.2409, 0.2102,
0.2837


 106.3072, 0.2342,
0.2961


 30.8599, 0.1987,
0.2772


 135.5850, 0.2399,
0.2989

 20.4922, 0.1845,
0.2689


 169.7981, 0.2448,
0.3013

 12.7533, 0.1665,
0.2576

 209.3308, 0.2492,
0.3033

 7.2589, 0.1433,
0.2417

254.5675, 0.2530,
0.3051

 3.6245, 0.1129,
0.2182

305.8926, 0.2564,

 1.4658, 0.0698,

0.3066

0.1819

363.6904, 0.2594,
0.3079

0.2645, 0.0000,
0.0865

0.0000, 0.0000,
0.0000

61.0195, 0.2196,
0.2887

61.0195, 0.2196,
0.2887

58.1562, 0.2142,
0.2827

64.3294, 0.2270,
0.2947

55.6730, 0.2107,
0.2768

68.1275, 0.2363,
0.3007

54.6952, 0.2095,
0.2743

72.4573, 0.2474,
0.3064

77.3554, 0.2600,
0.3120

■ 82.8549, 0.2738,
0.3172

■ 88.9863, 0.2885,
0.3221

■ 95.7775, 0.3038,
0.3266

■ 99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



61.0195, 0.2382, 0.3371



61.0195, 0.2196, 0.2887



61.0195, 0.2232, 0.2572

Triad

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



61.0195, 0.2196, 0.2887



61.0195, 0.3446, 0.2788



61.0195, 0.3757, 0.4199

Complementary

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



61.0195, 0.2196, 0.2887



29.5769, 0.5521, 0.3543

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.



61.0195, 0.4091, 0.3941



61.0195, 0.2196, 0.2887



61.0195, 0.3916, 0.3146

Square

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



61.0195, 0.2196, 0.2887



61.0195, 0.2916, 0.2544



61.0195, 0.4158, 0.3555



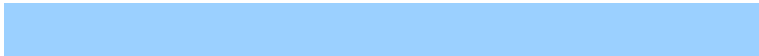
61.0195, 0.3270, 0.4199

Rectangle

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



61.0195, 0.2196, 0.2887



61.0195, 0.2377, 0.2476



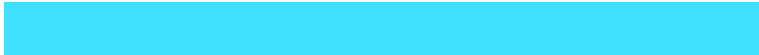
61.0195, 0.4158, 0.3555



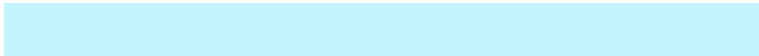
61.0195, 0.3892, 0.4135

Sweetspot

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



61.0217, 0.2196, 0.2887



84.4841, 0.2777, 0.3186



73.2820, 0.2938, 0.5436



17.6291, 0.2725, 0.3168



0.0000, 0.0000, 0.0000



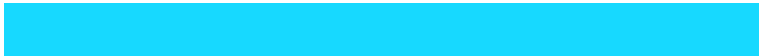
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0217, 0.2196, 0.2887



56.8152, 0.2121, 0.2796



24.0572, 0.1865, 0.1606



19.9393, 0.2980, 0.3250



28.7729, 0.2098, 0.2752



2.9316, 0.2117, 0.2820

Inverse Universe

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



30.0147, 0.3540, 0.1888



26.8592, 0.3636, 0.1808



57.3089, 0.4622, 0.4419



18.2457, 0.3163, 0.3094



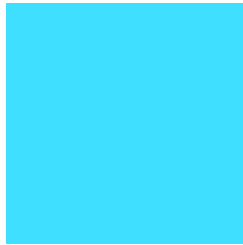
13.6326, 0.3679, 0.1800



1.3405, 0.3616, 0.1766

Previews

White Background



This preview shows how the Yxy color 61.0195, 0.2196, 0.2887 looks on a white background.

Color Contrast Check

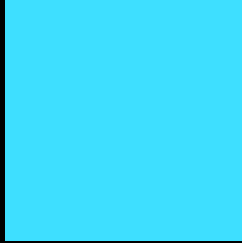
Large Text (above 18pt) WCAG AA × Fail

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 61.0195, 0.2196, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

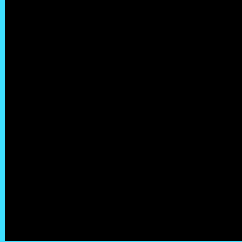
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0195, 0.2196, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 61.0195, 0.2196, 0.2887.

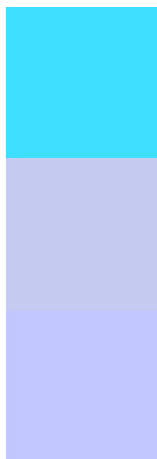


This preview shows how white text looks on a background with the Yxy color 61.0195, 0.2196, 0.2887.

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

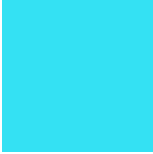
61.0195, 0.2196, 0.2887

Protanopia

60.2681, 0.2828, 0.2859

Deuteranopia

59.9979, 0.2722, 0.2679



Tritanopia

61.0516, 0.2228, 0.3056

Trichromacy



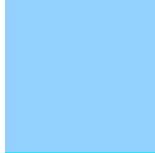
Original Color

61.0195, 0.2196, 0.2887



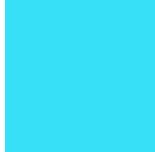
Protanomaly

58.8888, 0.2509, 0.2866



Deuteranomaly

58.4427, 0.2451, 0.2731



Tritanomaly

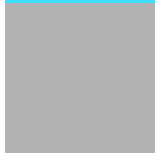
60.8675, 0.2217, 0.2994

Monochromacy



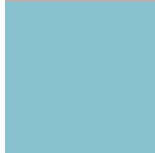
Original Color

61.0195, 0.2196, 0.2887



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

48.2740, 0.2628, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0195, 0.2196, 0.2887 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(62, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(62, 223, 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(62, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.0195, 0.2196, 0.2887 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(62, 223, 255) }
```

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

```
.border{ border-color:rgb(62, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(62, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0195, 0.2196, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 223, 255) }
```

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

```
.background{ background-color: rgb(62, 223,  
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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