

Converting Colors

$Yxy(55.0281, 0.2203, 0.2886)$

Have a look what the booklet for
Yxy(55.0281, 0.2203, 0.2886)
contains.

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Color

Yxy(55.1443, 0.2202, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	3ED5F4
RGB	62, 213, 244
RGB Percent	24%, 84%, 96%
CMY	0.7561, 0.1647, 0.0431
CMYK	0.75, 0.13, 0.00, 0.04
HSL	190°, 89%, 60%
HSV	190°, 75%, 96%
XYZ	42.1185, 55.1443, 94.0112
YIQ	171.3850, -99.9470, -22.3710

Conversions

Conversions Part 2

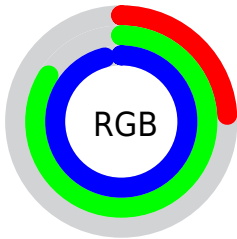
Format	Color
R _Y B	62, 145, 244
Decimal	4118004
CIE Lab	79.12, -28.82, -26.44
CIE LCh	79, 39.111, 222.529
Yxy	55.1443, 0.2202, 0.2883
Android (android.graphics.Color)	4282308084 (0xFF3ED5F4)
YUV	171.3850, 35.7992, -95.9306
Hunter-Lab	74.2592, -28.7115, -23.0789

Details

The Yxy color **55.1443, 0.2202, 0.2883** 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 **27.4485, 0.5453, 0.3554**, and the grayscale version is **40.8110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8909, 0.2501, 0.3288**, and **28.0846, 0.2104, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **52.4571, 0.2145, 0.2821**, and if you desaturate by 10%, it is **58.2433, 0.2279, 0.2945**.

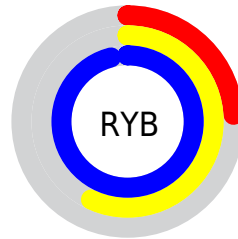
Distribution



Red (24%)

Green (84%)

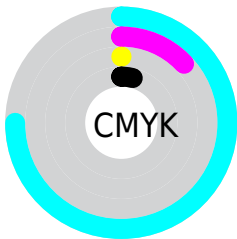
Blue (96%)



Red (24%)

Yellow (57%)

Blue (96%)

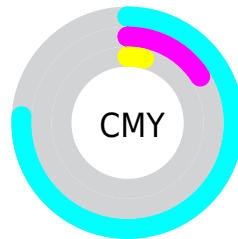


Cyan (75%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1443, 0.2202, 0.2883 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 55.1443, 0.2202, 0.2883 by changing the saturation by 10% instead.


 55.1443, 0.2202,
0.2883

 55.1443, 0.2202,
0.2883


406.4587, 0.2632,
0.3093

 39.5173, 0.2105,
0.2830


 97.7523, 0.2351,
0.2960


 27.1624, 0.1985,
0.2763


 125.5021, 0.2409,
0.2988

 17.6952, 0.1836,
0.2674


 158.0617, 0.2459,
0.3013

 10.7314, 0.1646,
0.2552

 195.8153, 0.2503,
0.3033

 5.8865, 0.1397,
0.2377

239.1474, 0.2541,
0.3051

 2.7762, 0.1066,
0.2113

288.4424, 0.2575,

 1.0160, 0.0435,

0.3067

0.1724

344.0847, 0.2605,
0.3080

■ 0.0000, 0.0000,
0.0000

■ 55.1443, 0.2202,
0.2883

■ 55.1443, 0.2202,
0.2883

■ 52.4571, 0.2145,
0.2821

■ 58.2433, 0.2279,
0.2945

■ 50.1240, 0.2106,
0.2760

■ 61.7904, 0.2375,
0.3006

■ 48.9522, 0.2091,
0.2726

■ 65.8243, 0.2489,
0.3065

■ 70.3772, 0.2617,
0.3122

■ 75.4787, 0.2756,
0.3175

81.1556, 0.2904,
0.3225

87.4333, 0.3057,
0.3271

93.8772, 0.3197,
0.3312

96.4414, 0.3194,
0.3352

Harmonies

Analogous

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



55.1443, 0.2382, 0.3361



55.1443, 0.2202, 0.2883



55.1443, 0.2242, 0.2574

Triad

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



55.1443, 0.2202, 0.2883



55.1443, 0.3453, 0.2798



55.1443, 0.3744, 0.4194

Complementary

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



55.1443, 0.2202, 0.2883



27.4485, 0.5453, 0.3554

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.



55.1443, 0.4078, 0.3942



55.1443, 0.2202, 0.2883



55.1443, 0.3916, 0.3155

Square

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



55.1443, 0.2202, 0.2883



55.1443, 0.2927, 0.2554



55.1443, 0.4150, 0.3561



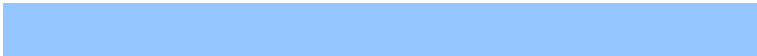
55.1443, 0.3259, 0.4188

Rectangle

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



55.1443, 0.2202, 0.2883



55.1443, 0.2389, 0.2482



55.1443, 0.4150, 0.3561



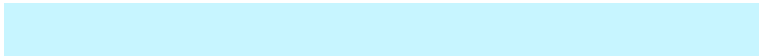
55.1443, 0.3878, 0.4133

Sweetspot

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



55.1463, 0.2202, 0.2883



84.9145, 0.2792, 0.3188



66.5136, 0.2928, 0.5365



17.8248, 0.2752, 0.3174



0.0000, 0.0000, 0.0000



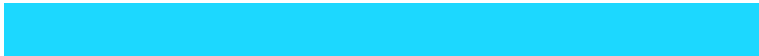
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1463, 0.2202, 0.2883



56.7280, 0.2124, 0.2792



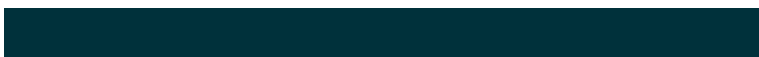
21.6785, 0.1874, 0.1600



18.2485, 0.2980, 0.3249



26.7947, 0.2093, 0.2736



2.4793, 0.2115, 0.2813

Inverse Universe

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



27.5038, 0.3542, 0.1908



27.0658, 0.3638, 0.1820



53.6154, 0.4568, 0.4437



16.7169, 0.3164, 0.3096



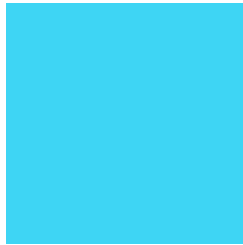
12.8043, 0.3694, 0.1809



1.1379, 0.3623, 0.1769

Previews

White Background



This preview shows how the Yxy color 55.1443, 0.2202, 0.2883 looks on a white background.

Color Contrast Check

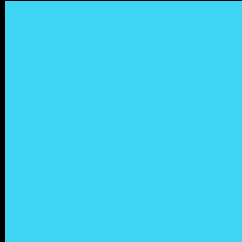
Large Text (above 18pt) WCAG AA × Fail

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 55.1443, 0.2202, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

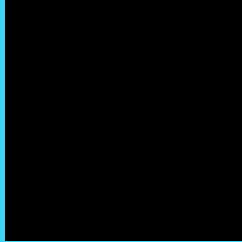
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1443, 0.2202, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 55.1443, 0.2202, 0.2883.

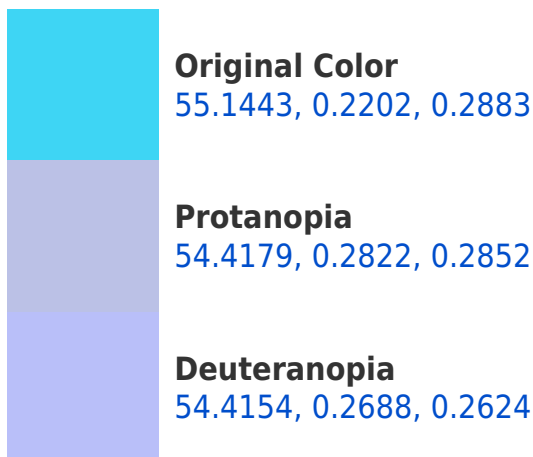


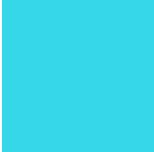
This preview shows how white text looks on a background with the Yxy color 55.1443, 0.2202, 0.2883.

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

55.1840, 0.2236, 0.3059

Trichromacy



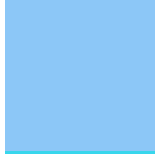
Original Color

55.1443, 0.2202, 0.2883



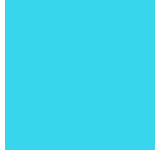
Protanomaly

53.0575, 0.2513, 0.2849



Deuteranomaly

53.1377, 0.2439, 0.2699



Tritanomaly

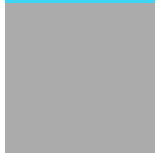
54.9900, 0.2223, 0.2995

Monochromacy



Original Color

55.1443, 0.2202, 0.2883



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

44.0203, 0.2630, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1443, 0.2202, 0.2883 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, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(62, 213, 244)  
}
```

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, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 213, 244) }
```

Border

The CSS property to change the border of an element to Yxy 55.1443, 0.2202, 0.2883 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, 213, 244) }
```

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

```
.border{ border-color:rgb(62, 213, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(62, 213,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1443, 0.2202, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 213, 244) }
```

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

```
.background{ background-color: rgb(62, 213,  
244) }
```

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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