

Converting Colors

$Yxy(55.0787, 0.2552, 0.3089)$

Have a look what the booklet for
Yxy(55.0787, 0.2552, 0.3089)
contains.

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Color

Yxy(55.1043, 0.2552, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	87CFDF
RGB	135, 207, 223
RGB Percent	53%, 81%, 87%
CMY	0.4705, 0.1882, 0.1254
CMYK	0.39, 0.07, 0.00, 0.13
HSL	191°, 58%, 70%
HSV	191°, 39%, 87%
XYZ	45.6282, 55.1043, 78.0614
YIQ	187.2960, -48.0480, -10.2880

Conversions

Conversions Part 2

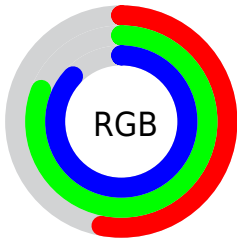
Format	Color
R _{YB}	135, 175, 223
Decimal	8900575
CIE Lab	79.10, -18.42, -15.03
CIE LCh	79, 23.773, 219.225
Yxy	55.1043, 0.2552, 0.3082
Android (android.graphics.Color)	4287090655 (0xFF87CFDF)
YUV	187.2960, 17.6021, -45.8636
Hunter-Lab	74.2323, -20.1882, -10.3858

Details

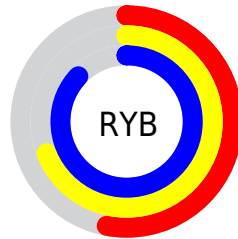
The Yxy color **55.1043, 0.2552, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5901, 0.4038, 0.3484**, and the grayscale version is **49.7927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **27.2719, 0.2406, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **51.5030, 0.2430, 0.3020**, and if you desaturate by 10%, it is **59.1480, 0.2687, 0.3141**.

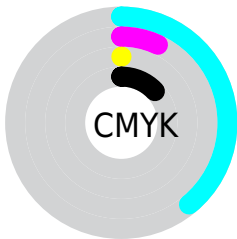
Distribution



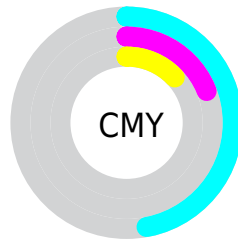
- Red (53%)
- Green (81%)
- Blue (87%)



- Red (53%)
- Yellow (69%)
- Blue (87%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1043, 0.2552, 0.3082 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 55.1043, 0.2552, 0.3082 by changing the saturation by 10% instead.

■ 55.1043, 0.2552,
0.3082

■ 55.1043, 0.2552,
0.3082

■ 406.3072, 0.2826,
0.3189

■ 39.4852, 0.2488,
0.3055

■ 97.6938, 0.2648,
0.3121

■ 27.1374, 0.2408,
0.3020

■ 125.4329, 0.2685,
0.3136

■ 17.6765, 0.2306,
0.2974

■ 157.9809, 0.2717,
0.3148

■ 10.7180, 0.2170,
0.2909

■ 195.7222, 0.2745,
0.3158

■ 5.8775, 0.1983,
0.2813

■ 239.0410, 0.2769,
0.3168

■ 2.7707, 0.1711,
0.2658

■ 288.3219, 0.2790,

■ 1.0132, 0.1204,

0.3175

0.2401

343.9491, 0.2809,
0.3182

0.0000, 0.0000,
0.0000

55.1043, 0.2552,
0.3082

55.1043, 0.2552,
0.3082

51.5030, 0.2430,
0.3020

59.1480, 0.2687,
0.3141

48.3128, 0.2323,
0.2956

63.6504, 0.2831,
0.3196

45.5085, 0.2235,
0.2890

68.6345, 0.2982,
0.3246

43.0587, 0.2165,
0.2824

74.1198, 0.3135,
0.3292

40.9263, 0.2115,
0.2758

80.1248, 0.3290,
0.3334

■ 39.0505, 0.2082,
0.2693

■ 83.9480, 0.3345,
0.3374

■ 38.9527, 0.2080,
0.2689

■ 86.2531, 0.3340,
0.3414

■ 88.6113, 0.3335,
0.3453

■ 91.0230, 0.3330,
0.3492

Harmonies

Analogous

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



55.1043, 0.2688, 0.3375



55.1043, 0.2552, 0.3082



55.1043, 0.2561, 0.2867

Triad

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



55.1043, 0.2552, 0.3082



55.1043, 0.3295, 0.2959



55.1043, 0.3542, 0.3832

Complementary

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



55.1043, 0.2552, 0.3082



39.5901, 0.4038, 0.3484

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.



55.1043, 0.3723, 0.3685



55.1043, 0.2552, 0.3082



55.1043, 0.3580, 0.3187

Square

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



55.1043, 0.2552, 0.3082



55.1043, 0.2977, 0.2811



55.1043, 0.3739, 0.3448



55.1043, 0.3254, 0.3830

Rectangle

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



55.1043, 0.2552, 0.3082



55.1043, 0.2647, 0.2791



55.1043, 0.3739, 0.3448



55.1043, 0.3618, 0.3797

Sweetspot

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



55.1064, 0.2552, 0.3082



91.1470, 0.2942, 0.3233



60.1340, 0.2988, 0.4291



19.3158, 0.2922, 0.3227



0.0000, 0.0000, 0.0000



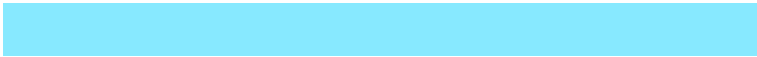
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1064, 0.2552, 0.3082



70.7590, 0.2454, 0.3033



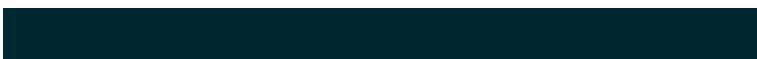
37.1594, 0.2462, 0.2496



15.1255, 0.2982, 0.3246



23.0505, 0.2083, 0.2699



1.7096, 0.2111, 0.2800

Inverse Universe

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



37.5301, 0.3324, 0.2477



44.5229, 0.3375, 0.2324



55.8880, 0.3838, 0.3970



13.8906, 0.3165, 0.3100



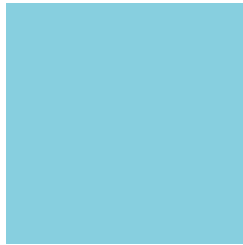
11.2350, 0.3729, 0.1828



0.7900, 0.3635, 0.1776

Previews

White Background



This preview shows how the Yxy color 55.1043, 0.2552, 0.3082 looks on a white background.

Color Contrast Check

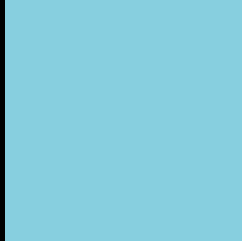
Large Text (above 18pt) WCAG AA × Fail

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 55.1043, 0.2552, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

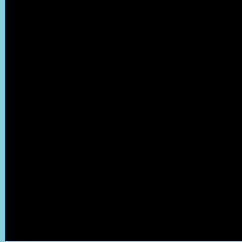
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1043, 0.2552, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 55.1043, 0.2552, 0.3082.



This preview shows how white text looks on a background with the Yxy color 55.1043, 0.2552, 0.3082.

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

55.1043, 0.2552, 0.3082

Protanopia

54.8273, 0.2968, 0.3039

Deuteranopia

54.5151, 0.2929, 0.2860



Tritanopia

55.1584, 0.2547, 0.3070

Trichromacy



Original Color

55.1043, 0.2552, 0.3082

Protanomaly

54.6795, 0.2798, 0.3054

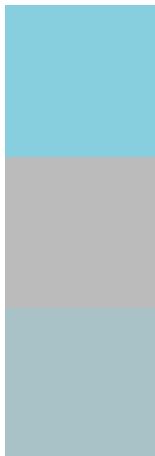
Deuteranomaly

54.2009, 0.2773, 0.2925

Tritanomaly

55.1584, 0.2547, 0.3070

Monochromacy



Original Color

55.1043, 0.2552, 0.3082

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.0785, 0.2884, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1043, 0.2552, 0.3082 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(135, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(135, 207, 223)  
}
```

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(135, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 207, 223) }
```

Border

The CSS property to change the border of an element to Yxy 55.1043, 0.2552, 0.3082 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(135, 207, 223) }
```

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

```
.border{ border-color:rgb(135, 207, 223) }
```

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

Here you see how a box with a 4 pixel rgb(135, 207, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(135, 207,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1043, 0.2552, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 207, 223) }
```

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

```
.background{ background-color: rgb(135,  
207, 223) }
```

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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