

Converting Colors

$Yxy(55.0977, 0.2568, 0.3108)$

Have a look what the booklet for
Yxy(55.0977, 0.2568, 0.3108)
contains.

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Color

Yxy(55.0803, 0.2568, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	88CFDD
RGB	136, 207, 221
RGB Percent	53%, 81%, 87%
CMY	0.4668, 0.1882, 0.1334
CMYK	0.38, 0.06, 0.00, 0.13
HSL	190°, 56%, 70%
HSV	190°, 38%, 87%
XYZ	45.5104, 55.0803, 76.6304
YIQ	187.3670, -46.8100, -10.6980

Conversions

Conversions Part 2

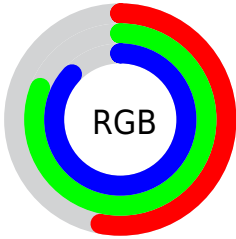
Format	Color
RYB	136, 175, 221
Decimal	8966109
CIELab	79.09, -18.69, -13.96
CIElCh	79, 23.329, 216.744
Yxy	55.0803, 0.2568, 0.3108
Android (android.graphics.Color)	4287156189 (0xFF88CFDD)
YUV	187.3670, 16.5811, -45.0489
Hunter-Lab	74.2161, -20.4195, -9.2675

Details

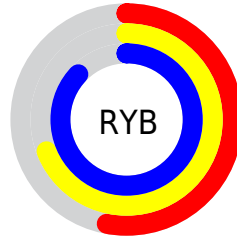
The Yxy color **55.0803, 0.2568, 0.3108** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9381, 0.4013, 0.3461**, and the grayscale version is **49.8321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **27.2850, 0.2430, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **51.6798, 0.2447, 0.3053**, and if you desaturate by 10%, it is **58.9070, 0.2702, 0.3160**.

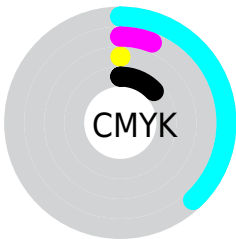
Distribution



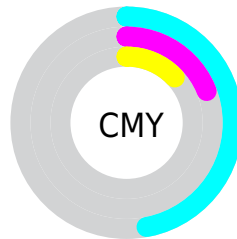
- Red (53%)
- Green (81%)
- Blue (87%)



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



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0803, 0.2568, 0.3108 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 55.0803, 0.2568, 0.3108 by changing the saturation by 10% instead.

■ 55.0803, 0.2568,
0.3108

■ 55.0803, 0.2568,
0.3108

■ 406.2162, 0.2834,
0.3202

■ 39.4660, 0.2506,
0.3084

■ 97.6586, 0.2662,
0.3143

■ 27.1225, 0.2427,
0.3053

■ 125.3914, 0.2698,
0.3155

■ 17.6652, 0.2327,
0.3012

■ 157.9325, 0.2729,
0.3166

■ 10.7099, 0.2195,
0.2953

■ 195.6663, 0.2755,
0.3175

■ 5.8721, 0.2011,
0.2866

■ 238.9772, 0.2779,
0.3183

■ 2.7675, 0.1744,
0.2725

■ 288.2495, 0.2800,

■ 1.0116, 0.1231,

0.3190

0.2492

343.8677, 0.2818,
0.3196

0.0000, 0.0000,
0.0000

55.0803, 0.2568,
0.3108

55.0803, 0.2568,
0.3108

51.6798, 0.2447,
0.3053

58.9070, 0.2702,
0.3160

48.6751, 0.2341,
0.2995

63.1753, 0.2846,
0.3209

46.0419, 0.2253,
0.2937

67.9076, 0.2997,
0.3255

43.7500, 0.2184,
0.2877

73.1228, 0.3151,
0.3296

41.7642, 0.2134,
0.2818

78.8387, 0.3306,
0.3333

■ 40.0317, 0.2102,
0.2760

■ 82.4109, 0.3362,
0.3369

■ 39.7787, 0.2098,
0.2751

■ 84.4397, 0.3357,
0.3405

■ 86.5109, 0.3353,
0.3440

■ 88.6246, 0.3348,
0.3476

Harmonies

Analogous

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



55.0803, 0.2713, 0.3398



55.0803, 0.2568, 0.3108



55.0803, 0.2564, 0.2889

Triad

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



55.0803, 0.2568, 0.3108



55.0803, 0.3267, 0.2950



55.0803, 0.3554, 0.3815

Complementary

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



55.0803, 0.2568, 0.3108



38.9381, 0.4013, 0.3461

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.



55.0803, 0.3720, 0.3661



55.0803, 0.2568, 0.3108



55.0803, 0.3552, 0.3168

Square

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



55.0803, 0.2568, 0.3108



55.0803, 0.2955, 0.2812



55.0803, 0.3721, 0.3424



55.0803, 0.3277, 0.3826

Rectangle

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



55.0803, 0.2568, 0.3108



55.0803, 0.2642, 0.2806



55.0803, 0.3721, 0.3424



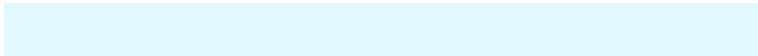
55.0803, 0.3625, 0.3777

Sweetspot

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



55.0825, 0.2568, 0.3108



91.4843, 0.2942, 0.3239



59.0982, 0.2999, 0.4281



19.3956, 0.2922, 0.3233



0.0000, 0.0000, 0.0000



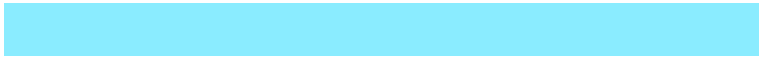
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0825, 0.2568, 0.3108



72.4280, 0.2471, 0.3065



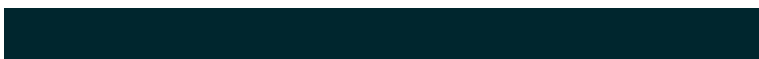
37.6207, 0.2483, 0.2540



14.4462, 0.2982, 0.3251



23.2530, 0.2100, 0.2760



1.6056, 0.2127, 0.2856

Inverse Universe

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



37.4724, 0.3303, 0.2482



45.3909, 0.3349, 0.2325



54.5077, 0.3823, 0.3937



13.2362, 0.3163, 0.3097



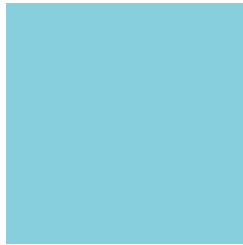
10.9712, 0.3671, 0.1796



0.7208, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 55.0803, 0.2568, 0.3108 looks on a white background.

Color Contrast Check

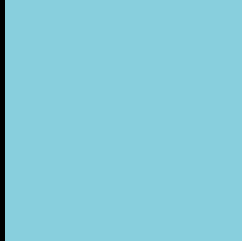
Large Text (above 18pt) WCAG AA × Fail

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 55.0803, 0.2568, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

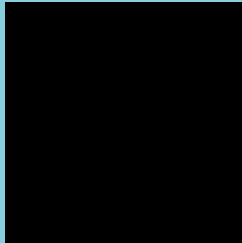
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0803, 0.2568, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 55.0803, 0.2568, 0.3108.



This preview shows how white text looks on a background with the Yxy color 55.0803, 0.2568, 0.3108.

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

55.0803, 0.2568, 0.3108

Protanopia

54.7251, 0.2982, 0.3062

Deuteranopia

54.5425, 0.2951, 0.2883



Tritanopia

55.2717, 0.2563, 0.3083

Trichromacy



Original Color

55.0803, 0.2568, 0.3108

Protanomaly

54.5754, 0.2811, 0.3078

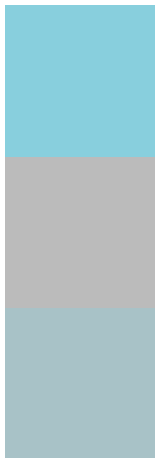
Deuteranomaly

54.2088, 0.2792, 0.2949

Tritanomaly

55.2179, 0.2568, 0.3095

Monochromacy



Original Color

55.0803, 0.2568, 0.3108

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.0319, 0.2891, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0803, 0.2568, 0.3108 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(136, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(136, 207, 221)  
}
```

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(136, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 207, 221) }
```

Border

The CSS property to change the border of an element to Yxy 55.0803, 0.2568, 0.3108 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(136, 207, 221) }
```

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

```
.border{ border-color:rgb(136, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(136, 207,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0803, 0.2568, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 207, 221) }
```

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

```
.background{ background-color: rgb(136,  
207, 221) }
```

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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