

Converting Colors

$Yxy(55.2762, 0.2769, 0.3116)$

Have a look what the booklet for
Yxy(55.2762, 0.2769, 0.3116)
contains.

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Color

Yxy(55.1983, 0.2766, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	A5CAD8
RGB	165, 202, 216
RGB Percent	65%, 79%, 85%
CMY	0.3530, 0.2078, 0.1530
CMYK	0.24, 0.06, 0.00, 0.15
HSL	196°, 40%, 75%
HSV	196°, 24%, 85%
XYZ	49.0297, 55.1983, 73.0305
YIQ	192.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

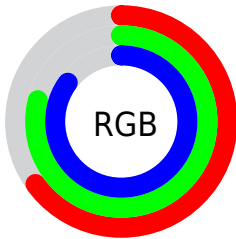
Format	Color
R _{YB}	165, 186, 216
Decimal	10865368
CIE Lab	79.16, -9.15, -11.01
CIE LCh	79, 14.317, 230.259
Yxy	55.1983, 0.2766, 0.3114
Android (android.graphics.Color)	4289055448 (0xFFA5CAD8)
YUV	192.5330, 11.5692, -24.1464
Hunter-Lab	74.2956, -12.2201, -6.2736

Details

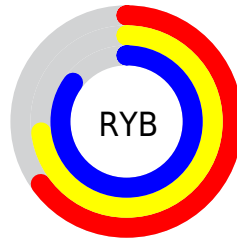
The Yxy color **55.1983, 0.2766, 0.3114** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5452, 0.3576, 0.3459**, and the grayscale version is **52.9828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **27.1978, 0.2675, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **50.3503, 0.2619, 0.3028**, and if you desaturate by 10%, it is **60.5486, 0.2918, 0.3193**.

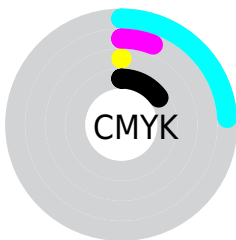
Distribution



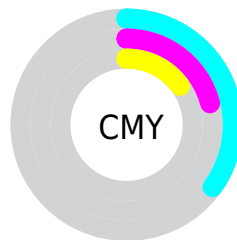
- Red (65%)
- Green (79%)
- Blue (85%)



- Red (65%)
- Yellow (73%)
- Blue (85%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1983, 0.2766, 0.3114 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 55.1983, 0.2766, 0.3114 by changing the saturation by 10% instead.

■ 55.1983, 0.2766,
0.3114

■ 55.1983, 0.2766,
0.3114

406.6632, 0.2939,
0.3201

■ 39.5605, 0.2725,
0.3092

■ 97.8314, 0.2827,
0.3146

■ 27.1960, 0.2673,
0.3065

■ 125.5956, 0.2851,
0.3158

■ 17.7205, 0.2606,
0.3029

158.1706, 0.2871,
0.3168

■ 10.7495, 0.2516,
0.2979

195.9409, 0.2888,
0.3176

■ 5.8987, 0.2390,
0.2906

239.2910, 0.2904,
0.3184

■ 2.7836, 0.2199,
0.2790

288.6051, 0.2917,

■ 1.0198, 0.1874,

0.3190

0.2583

344.2677, 0.2929,
0.3196

0.0000, 0.0000,
0.0000

55.1983, 0.2766,
0.3114

55.1983, 0.2766,
0.3114

50.3503, 0.2619,
0.3028

60.5486, 0.2918,
0.3193

45.9770, 0.2480,
0.2936

66.4140, 0.3072,
0.3266

42.0581, 0.2353,
0.2839

72.8148, 0.3225,
0.3331

38.5690, 0.2241,
0.2738

79.7684, 0.3375,
0.3389

35.4820, 0.2146,
0.2635

83.7184, 0.3392,
0.3447

■ 32.7654, 0.2072,
0.2531

■ 87.1022, 0.3383,
0.3505

■ 30.3809, 0.2017,
0.2428

■ 90.5993, 0.3374,
0.3562

■ 28.9916, 0.1990,
0.2363

■ 94.2110, 0.3366,
0.3618

■ 97.7375, 0.3358,
0.3671

Harmonies

Analogous

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



55.1983, 0.2819, 0.3278



55.1983, 0.2766, 0.3114



55.1983, 0.2805, 0.3004

Triad

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



55.1983, 0.2766, 0.3114



55.1983, 0.3298, 0.3135



55.1983, 0.3321, 0.3624

Complementary

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



55.1983, 0.2766, 0.3114



49.5452, 0.3576, 0.3459

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.



55.1983, 0.3457, 0.3573



55.1983, 0.2766, 0.3114



55.1983, 0.3444, 0.3289

Square

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



55.1983, 0.2766, 0.3114



55.1983, 0.3109, 0.3021



55.1983, 0.3502, 0.3449



55.1983, 0.3137, 0.3581

Rectangle

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



55.1983, 0.2766, 0.3114



55.1983, 0.2880, 0.2974



55.1983, 0.3502, 0.3449



55.1983, 0.3374, 0.3617

Sweetspot

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



55.2005, 0.2766, 0.3114



93.6870, 0.3019, 0.3242



60.3449, 0.3009, 0.3770



19.9402, 0.3009, 0.3237



0.0000, 0.0000, 0.0000



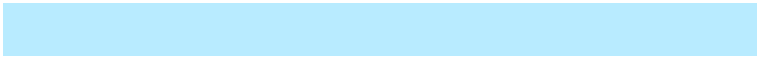
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2005, 0.2766, 0.3114



77.0189, 0.2697, 0.3075



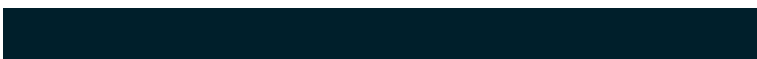
44.3575, 0.2739, 0.2786



13.5051, 0.2982, 0.3225



17.3498, 0.1994, 0.2379



1.1813, 0.2043, 0.2555

Inverse Universe

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



45.7697, 0.3274, 0.2858



61.3975, 0.3309, 0.2770



60.5441, 0.3511, 0.3748



12.5719, 0.3179, 0.3122



10.0963, 0.4045, 0.2002



0.6226, 0.3868, 0.1904

Previews

White Background



This preview shows how the Yxy color 55.1983, 0.2766, 0.3114 looks on a white background.

Color Contrast Check

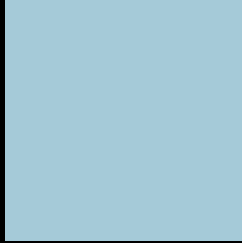
Large Text (above 18pt) WCAG AA × Fail

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 55.1983, 0.2766, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

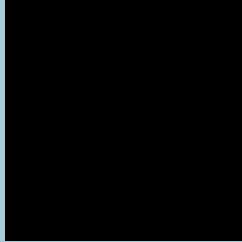
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1983, 0.2766, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 55.1983, 0.2766, 0.3114.



This preview shows how white text looks on a background with the Yxy color 55.1983, 0.2766, 0.3114.

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

55.1983, 0.2766, 0.3114

Protanopia

54.7561, 0.3004, 0.3086

Deuteranopia

54.7262, 0.3031, 0.2964



Tritanopia

55.3023, 0.2754, 0.3090

Trichromacy



Original Color

55.1983, 0.2766, 0.3114

Protanomaly

54.8039, 0.2908, 0.3094

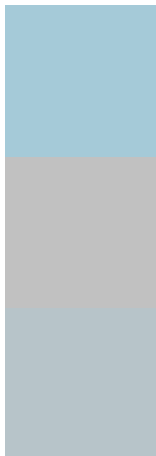
Deuteranomaly

54.5405, 0.2932, 0.3014

Tritanomaly

55.2501, 0.2760, 0.3102

Monochromacy



Original Color

55.1983, 0.2766, 0.3114

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7642, 0.2990, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1983, 0.2766, 0.3114 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(165, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(165, 202, 216)  
}
```

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(165, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 202, 216) }
```

Border

The CSS property to change the border of an element to Yxy 55.1983, 0.2766, 0.3114 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(165, 202, 216) }
```

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

```
.border{ border-color:rgb(165, 202, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 202, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(165, 202,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1983, 0.2766, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 202, 216) }
```

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

```
.background{ background-color: rgb(165,  
202, 216) }
```

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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