

Converting Colors

$Yxy(55.3177, 0.2588, 0.3105)$

Have a look what the booklet for
Yxy(55.3177, 0.2588, 0.3105)
contains.

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Color

Yxy(55.4216, 0.2590, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	8CCFDD
RGB	140, 207, 221
RGB Percent	55%, 81%, 87%
CMY	0.4513, 0.1882, 0.1333
CMYK	0.37, 0.06, 0.00, 0.13
HSL	190°, 54%, 71%
HSV	190°, 37%, 87%
XYZ	46.1698, 55.4216, 76.6704
YIQ	188.5630, -44.4260, -9.8500

Conversions

Conversions Part 2

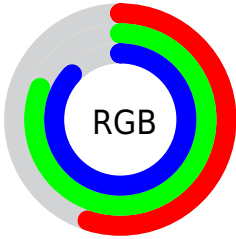
Format	Color
RYB	140, 177, 221
Decimal	9228253
CIELab	79.28, -17.66, -13.65
CIELCh	79, 22.319, 217.702
Yxy	55.4216, 0.2590, 0.3109
Android (android.graphics.Color)	4287418333 (0xFF8CCFDD)
YUV	188.5630, 15.9914, -42.5898
Hunter-Lab	74.4457, -19.5776, -8.9498

Details

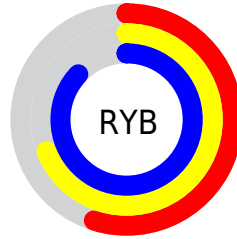
The Yxy color **55.4216, 0.2590, 0.3109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3460, 0.3954, 0.3461**, and the grayscale version is **50.5453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **27.4669, 0.2455, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **51.8690, 0.2465, 0.3051**, and if you desaturate by 10%, it is **59.4086, 0.2727, 0.3164**.

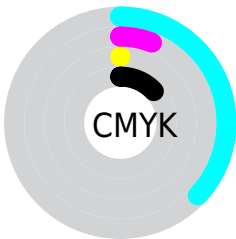
Distribution



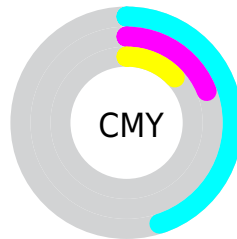
- Red (55%)
- Green (81%)
- Blue (87%)



- Red (55%)
- Yellow (69%)
- Blue (87%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4216, 0.2590, 0.3109 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 55.4216, 0.2590, 0.3109 by changing the saturation by 10% instead.

■ 55.4216, 0.2590,
0.3109

■ 55.4216, 0.2590,
0.3109

407.5081, 0.2846,
0.3202

■ 39.7394, 0.2530,
0.3085

■ 98.1584, 0.2680,
0.3143

■ 27.3354, 0.2455,
0.3055

■ 125.9817, 0.2715,
0.3156

■ 17.8253, 0.2359,
0.3014

158.6209, 0.2744,
0.3166

■ 10.8246, 0.2231,
0.2958

196.4603, 0.2770,
0.3176

■ 5.9490, 0.2055,
0.2873

239.8844, 0.2793,
0.3183

■ 2.8141, 0.1796,
0.2736

289.2774, 0.2812,

■ 1.0355, 0.1320,

0.3190

0.2505

345.0238, 0.2830,
0.3196

0.0000, 0.0000,
0.0000

55.4216, 0.2590,
0.3109

55.4216, 0.2590,
0.3109

51.8690, 0.2465,
0.3051

59.4086, 0.2727,
0.3164

48.7207, 0.2355,
0.2991

63.8451, 0.2873,
0.3214

45.9529, 0.2263,
0.2930

68.7533, 0.3024,
0.3261

43.5362, 0.2189,
0.2867

74.1518, 0.3178,
0.3304

41.4363, 0.2135,
0.2805

80.0585, 0.3333,
0.3342

■ 39.6093, 0.2100,
0.2743

■ 83.0123, 0.3361,
0.3379

■ 39.0387, 0.2090,
0.2723

■ 85.1559, 0.3356,
0.3417

■ 87.3463, 0.3350,
0.3454

■ 89.5835, 0.3345,
0.3491

Harmonies

Analogous

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



55.4216, 0.2725, 0.3385



55.4216, 0.2590, 0.3109



55.4216, 0.2591, 0.2902

Triad

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



55.4216, 0.2590, 0.3109



55.4216, 0.3270, 0.2970



55.4216, 0.3528, 0.3794

Complementary

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



55.4216, 0.2590, 0.3109



40.3460, 0.3954, 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.



55.4216, 0.3690, 0.3652



55.4216, 0.2590, 0.3109



55.4216, 0.3540, 0.3182

Square

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



55.4216, 0.2590, 0.3109



55.4216, 0.2972, 0.2835



55.4216, 0.3696, 0.3427



55.4216, 0.3262, 0.3798

Rectangle

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



55.4216, 0.2590, 0.3109



55.4216, 0.2668, 0.2825



55.4216, 0.3696, 0.3427



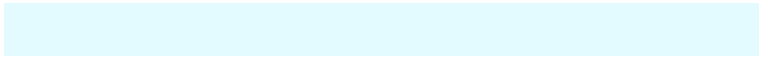
55.4216, 0.3597, 0.3760

Sweetspot

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



55.4238, 0.2590, 0.3109



92.0146, 0.2957, 0.3241



59.5972, 0.2997, 0.4208



19.4965, 0.2936, 0.3235



0.0000, 0.0000, 0.0000



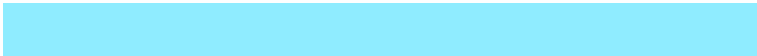
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4238, 0.2590, 0.3109



72.8297, 0.2493, 0.3065



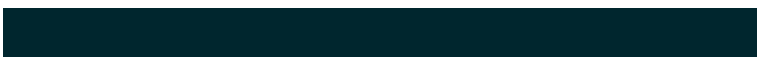
38.4099, 0.2512, 0.2562



14.4274, 0.2982, 0.3249



22.8253, 0.2093, 0.2733



1.5816, 0.2120, 0.2833

Inverse Universe

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



38.6135, 0.3300, 0.2525



46.8806, 0.3345, 0.2372



55.8370, 0.3781, 0.3921



13.2343, 0.3164, 0.3099



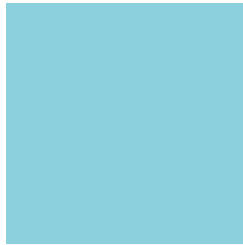
10.9280, 0.3697, 0.1810



0.7184, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 55.4216, 0.2590, 0.3109 looks on a white background.

Color Contrast Check

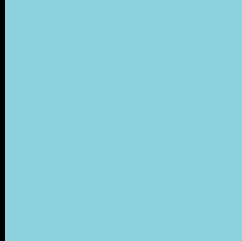
Large Text (above 18pt) WCAG AA × Fail

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 55.4216, 0.2590, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

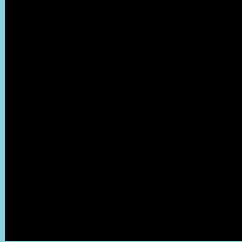
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4216, 0.2590, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 55.4216, 0.2590, 0.3109.



This preview shows how white text looks on a background with the Yxy color 55.4216, 0.2590, 0.3109.

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

55.4216, 0.2590, 0.3109

Protanopia

54.8570, 0.2990, 0.3063

Deuteranopia

55.0609, 0.2965, 0.2907



Tritanopia

55.6161, 0.2585, 0.3084

Trichromacy



Original Color

55.4216, 0.2590, 0.3109

Protanomaly

54.8034, 0.2825, 0.3079

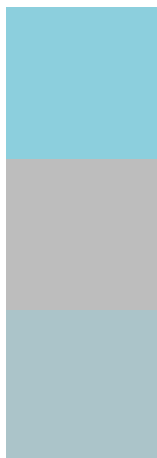
Deuteranomaly

54.8439, 0.2813, 0.2974

Tritanomaly

55.5623, 0.2591, 0.3097

Monochromacy



Original Color

55.4216, 0.2590, 0.3109

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.3548, 0.2900, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4216, 0.2590, 0.3109 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(140, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 207, 221) }
```

Border

The CSS property to change the border of an element to Yxy 55.4216, 0.2590, 0.3109 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(140, 207, 221) }
```

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

```
.border{ border-color:rgb(140, 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(140, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(140, 207,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4216, 0.2590, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 207, 221) }
```

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

```
.background{ background-color: rgb(140,  
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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