

Converting Colors

$Yxy(55.0959, 0.2721, 0.3096)$

Have a look what the booklet for
Yxy(55.0959, 0.2721, 0.3096)
contains.

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Color

Yxy(55.2474, 0.2722, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	A0CBDA
RGB	160, 203, 218
RGB Percent	63%, 80%, 85%
CMY	0.3726, 0.2039, 0.1450
CMYK	0.27, 0.07, 0.00, 0.14
HSL	196°, 44%, 74%
HSV	196°, 27%, 86%
XYZ	48.5108, 55.2474, 74.4592
YIQ	191.8530, -30.4430, -4.4510

Conversions

Conversions Part 2

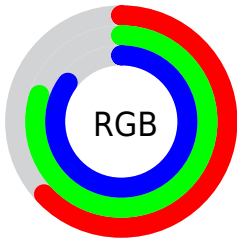
Format	Color
RYB	160, 185, 218
Decimal	10537946
CIELab	79.18, -10.69, -12.09
CIELCh	79, 16.145, 228.516
Yxy	55.2474, 0.2722, 0.3100
Android (android.graphics.Color)	4288728026 (0xFFA0CBDA)
YUV	191.8530, 12.8905, -27.9351
Hunter-Lab	74.3286, -13.5765, -7.3642

Details

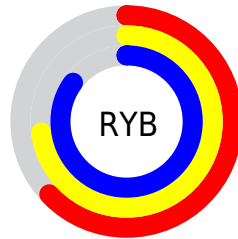
The Yxy color **55.2474, 0.2722, 0.3100** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1207, 0.3651, 0.3472**, and the grayscale version is **52.5606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **27.2650, 0.2621, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **50.5769, 0.2578, 0.3017**, and if you desaturate by 10%, it is **60.4135, 0.2872, 0.3177**.

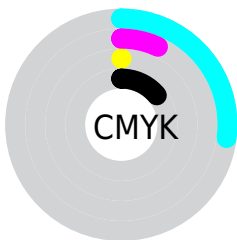
Distribution



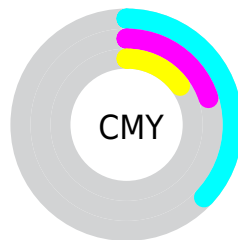
- Red (63%)
- Green (80%)
- Blue (85%)



- Red (63%)
- Yellow (73%)
- Blue (85%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (37%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2474, 0.2722, 0.3100 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 55.2474, 0.2722, 0.3100 by changing the saturation by 10% instead.

■ 55.2474, 0.2722,
0.3100

■ 55.2474, 0.2722,
0.3100

■ 406.8491, 0.2916,
0.3195

■ 39.5998, 0.2676,
0.3077

■ 97.9033, 0.2791,
0.3134

■ 27.2267, 0.2618,
0.3047

■ 125.6805, 0.2817,
0.3147

■ 17.7435, 0.2544,
0.3007

■ 158.2697, 0.2839,
0.3158

■ 10.7660, 0.2444,
0.2952

■ 196.0552, 0.2859,
0.3168

■ 5.9097, 0.2305,
0.2873

■ 239.4215, 0.2876,
0.3176

■ 2.7903, 0.2096,
0.2746

■ 288.7530, 0.2891,

■ 1.0232, 0.1738,

0.3183

0.2522

344.4340, 0.2904,
0.3189

0.0000, 0.0000,
0.0000

55.2474, 0.2722,
0.3100

55.2474, 0.2722,
0.3100

50.5769, 0.2578,
0.3017

60.4135, 0.2872,
0.3177

46.3739, 0.2444,
0.2929

66.0888, 0.3025,
0.3247

42.6170, 0.2323,
0.2836

72.2942, 0.3179,
0.3311

39.2804, 0.2218,
0.2740

79.0475, 0.3331,
0.3368

36.3348, 0.2132,
0.2643

83.6098, 0.3379,
0.3423

■ 33.7464, 0.2066,
0.2546

■ 86.8269, 0.3371,
0.3478

■ 31.4721, 0.2019,
0.2450

■ 90.1470, 0.3363,
0.3533

■ 30.7488, 0.2005,
0.2417

■ 93.5709, 0.3355,
0.3587

■ 97.0997, 0.3347,
0.3640

Harmonies

Analogous

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



55.2474, 0.2788, 0.3287



55.2474, 0.2722, 0.3100



55.2474, 0.2760, 0.2973

Triad

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



55.2474, 0.2722, 0.3100



55.2474, 0.3308, 0.3107



55.2474, 0.3356, 0.3667

Complementary

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



55.2474, 0.2722, 0.3100



48.1207, 0.3651, 0.3472

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.



55.2474, 0.3505, 0.3602



55.2474, 0.2722, 0.3100



55.2474, 0.3477, 0.3278

Square

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



55.2474, 0.2722, 0.3100



55.2474, 0.3093, 0.2982



55.2474, 0.3550, 0.3458



55.2474, 0.3150, 0.3625

Rectangle

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



55.2474, 0.2722, 0.3100



55.2474, 0.2840, 0.2936



55.2474, 0.3550, 0.3458



55.2474, 0.3415, 0.3656

Sweetspot

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



55.2496, 0.2722, 0.3100



93.0089, 0.3003, 0.3237



60.7098, 0.3001, 0.3854



19.6381, 0.2980, 0.3227



0.0000, 0.0000, 0.0000



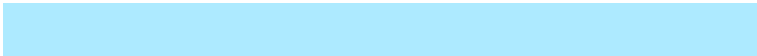
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2496, 0.2722, 0.3100



74.9178, 0.2640, 0.3054



43.0056, 0.2686, 0.2725



14.2289, 0.2982, 0.3228



18.5977, 0.2009, 0.2432



1.3411, 0.2052, 0.2588

Inverse Universe

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



44.3635, 0.3289, 0.2791



57.2334, 0.3332, 0.2682



60.4091, 0.3567, 0.3797



13.2142, 0.3177, 0.3118



10.5012, 0.3991, 0.1972



0.6941, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 55.2474, 0.2722, 0.3100 looks on a white background.

Color Contrast Check

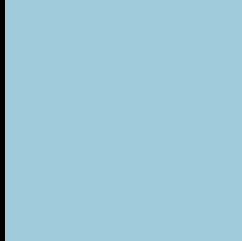
Large Text (above 18pt) WCAG AA × Fail

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 55.2474, 0.2722, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

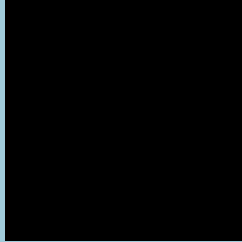
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2474, 0.2722, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 55.2474, 0.2722, 0.3100.



This preview shows how white text looks on a background with the Yxy color 55.2474, 0.2722, 0.3100.

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

55.2474, 0.2722, 0.3100

Protanopia

54.8570, 0.2990, 0.3063

Deuteranopia

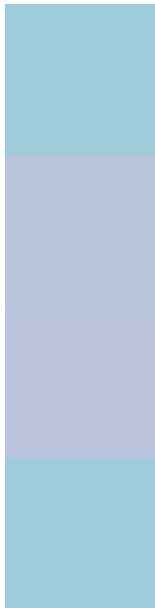
54.7439, 0.3002, 0.2930



Tritanopia

55.2999, 0.2716, 0.3088

Trichromacy



Original Color

55.2474, 0.2722, 0.3100

Protanomaly

54.7839, 0.2887, 0.3070

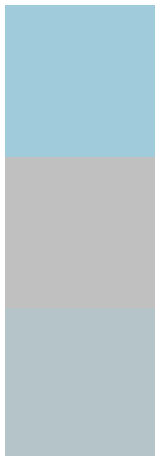
Deuteranomaly

54.7623, 0.2889, 0.2990

Tritanomaly

55.2999, 0.2716, 0.3088

Monochromacy



Original Color

55.2474, 0.2722, 0.3100

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4002, 0.2967, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2474, 0.2722, 0.3100 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(160, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(160, 203, 218)  
}
```

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(160, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.2474, 0.2722, 0.3100 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(160, 203, 218) }
```

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

```
.border{ border-color:rgb(160, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(160, 203,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2474, 0.2722, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 203, 218) }
```

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

```
.background{ background-color: rgb(160,  
203, 218) }
```

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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