

Converting Colors

$Yxy(54.8515, 0.2740, 0.3134)$

Have a look what the booklet for
Yxy(54.8515, 0.2740, 0.3134)
contains.

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Color

Yxy(55.0918, 0.2740, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	A0CBD7
RGB	160, 203, 215
RGB Percent	63%, 80%, 84%
CMY	0.3726, 0.2039, 0.1567
CMYK	0.26, 0.06, 0.00, 0.16
HSL	193°, 41%, 74%
HSV	193°, 26%, 84%
XYZ	48.1197, 55.0918, 72.4079
YIQ	191.5110, -29.4800, -5.3840

Conversions

Conversions Part 2

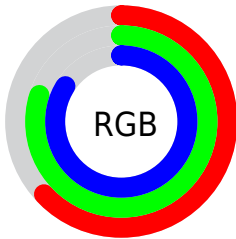
Format	Color
RYB	160, 184, 215
Decimal	10537943
CIELab	79.09, -11.39, -10.62
CIELCh	79, 15.567, 222.996
Yxy	55.0918, 0.2740, 0.3137
Android (android.graphics.Color)	4288728023 (0xFFA0CBD7)
YUV	191.5110, 11.5801, -27.6351
Hunter-Lab	74.2239, -14.1693, -5.8827

Details

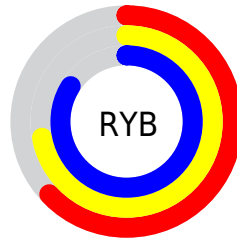
The Yxy color **55.0918, 0.2740, 0.3137** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5000, 0.3632, 0.3438**, and the grayscale version is **52.3573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **27.1588, 0.2644, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **50.8806, 0.2599, 0.3068**, and if you desaturate by 10%, it is **59.7579, 0.2889, 0.3201**.

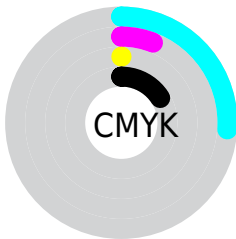
Distribution



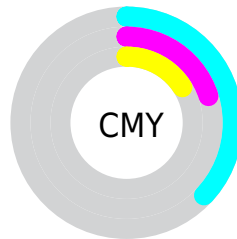
- Red (63%)
- Green (80%)
- Blue (84%)



- Red (63%)
- Yellow (72%)
- Blue (84%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (37%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0918, 0.2740, 0.3137 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 55.0918, 0.2740, 0.3137 by changing the saturation by 10% instead.

■ 55.0918, 0.2740,
0.3137

■ 55.0918, 0.2740,
0.3137

406.2598, 0.2926,
0.3214

■ 39.4752, 0.2696,
0.3118

■ 97.6754, 0.2806,
0.3165

■ 27.1296, 0.2641,
0.3093

■ 125.4113, 0.2831,
0.3175

■ 17.6706, 0.2569,
0.3061

157.9557, 0.2853,
0.3184

■ 10.7138, 0.2473,
0.3015

195.6931, 0.2871,
0.3192

■ 5.8747, 0.2338,
0.2949

239.0078, 0.2887,
0.3199

■ 2.7690, 0.2135,
0.2841

288.2842, 0.2902,

■ 1.0124, 0.1777,

0.3204

0.2650

343.9067, 0.2914,
0.3209

0.0000, 0.0000,
0.0000

55.0918, 0.2740,
0.3137

55.0918, 0.2740,
0.3137

50.8806, 0.2599,
0.3068

59.7579, 0.2889,
0.3201

47.0975, 0.2468,
0.2995

64.8913, 0.3041,
0.3260

43.7224, 0.2350,
0.2918

70.5118, 0.3195,
0.3313

40.7311, 0.2250,
0.2839

76.6361, 0.3348,
0.3360

38.0963, 0.2167,
0.2758

80.8311, 0.3406,
0.3406

■ 35.7860, 0.2105,
0.2678

■ 83.4290, 0.3399,
0.3452

■ 33.7615, 0.2061,
0.2598

■ 86.0976, 0.3392,
0.3498

■ 32.9304, 0.2045,
0.2563

■ 88.8373, 0.3385,
0.3544

■ 91.6487, 0.3378,
0.3589

Harmonies

Analogous

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



55.0918, 0.2821, 0.3323



55.0918, 0.2740, 0.3137



55.0918, 0.2758, 0.3001

Triad

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



55.0918, 0.2740, 0.3137



55.0918, 0.3265, 0.3087



55.0918, 0.3381, 0.3650

Complementary

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



55.0918, 0.2740, 0.3137



46.5000, 0.3632, 0.3438

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.



55.0918, 0.3508, 0.3570



55.0918, 0.2740, 0.3137



55.0918, 0.3441, 0.3246

Square

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



55.0918, 0.2740, 0.3137



55.0918, 0.3056, 0.2978



55.0918, 0.3531, 0.3422



55.0918, 0.3188, 0.3629

Rectangle

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



55.0918, 0.2740, 0.3137



55.0918, 0.2825, 0.2954



55.0918, 0.3531, 0.3422



55.0918, 0.3433, 0.3633

Sweetspot

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



55.0940, 0.2740, 0.3137



93.5231, 0.3003, 0.3246



59.0644, 0.3017, 0.3854



19.7682, 0.2980, 0.3237



0.0000, 0.0000, 0.0000



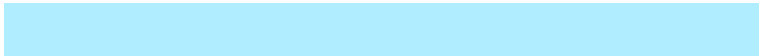
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0940, 0.2740, 0.3137



77.4347, 0.2658, 0.3098



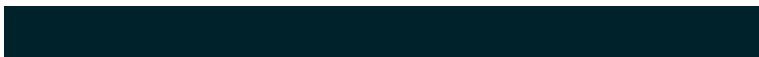
43.2676, 0.2707, 0.2775



13.6259, 0.2982, 0.3238



19.8521, 0.2049, 0.2575



1.3141, 0.2087, 0.2712

Inverse Universe

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



43.9010, 0.3261, 0.2786



58.4481, 0.3298, 0.2672



58.0370, 0.3554, 0.3756



12.5841, 0.3171, 0.3110



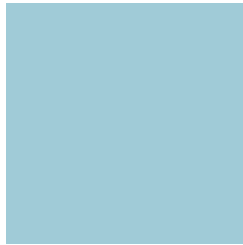
10.3489, 0.3849, 0.1894



0.6360, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 55.0918, 0.2740, 0.3137 looks on a white background.

Color Contrast Check

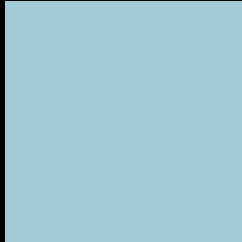
Large Text (above 18pt) WCAG AA × Fail

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 55.0918, 0.2740, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

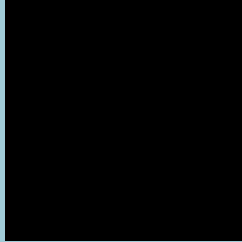
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

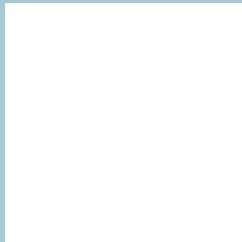
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0918, 0.2740, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 55.0918, 0.2740, 0.3137.

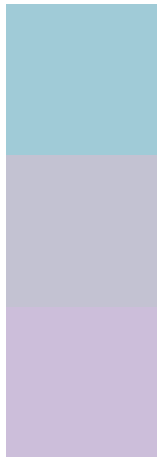


This preview shows how white text looks on a background with the Yxy color 55.0918, 0.2740, 0.3137.

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

55.0918, 0.2740, 0.3137

Protanopia

54.8388, 0.3018, 0.3098

Deuteranopia

54.7262, 0.3031, 0.2964



Tritanopia

54.9326, 0.2721, 0.3076

Trichromacy



Original Color

55.0918, 0.2740, 0.3137

Protanomaly

54.6311, 0.2907, 0.3106

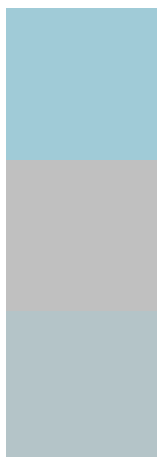
Deuteranomaly

54.7313, 0.2917, 0.3025

Tritanomaly

54.8801, 0.2727, 0.3088

Monochromacy



Original Color

55.0918, 0.2740, 0.3137

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3533, 0.2974, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0918, 0.2740, 0.3137 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(160, 203, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.0918, 0.2740, 0.3137 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, 215) }
```

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

```
.border{ border-color:rgb(160, 203, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(160, 203,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0918, 0.2740, 0.3137 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, 215) }
```

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

```
.background{ background-color: rgb(160,  
203, 215) }
```

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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