

Converting Colors

$Yxy(55.5455, 0.2482, 0.3257)$

Have a look what the booklet for
Yxy(55.5455, 0.2482, 0.3257)
contains.

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Color

Yxy(55.8098, 0.2483, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	6ED5D7
RGB	110, 213, 215
RGB Percent	43%, 84%, 84%
CMY	0.5685, 0.1647, 0.1568
CMYK	0.49, 0.01, 0.00, 0.16
HSL	181°, 57%, 64%
HSV	181°, 49%, 84%
XYZ	42.4949, 55.8098, 72.8385
YIQ	182.4310, -62.0300, -21.2140

Conversions

Conversions Part 2

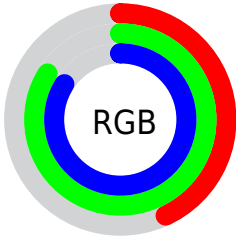
Format	Color
RYB	110, 162, 215
Decimal	7263703
CIELab	79.51, -29.33, -10.25
CIElCh	80, 31.073, 199.264
Yxy	55.8098, 0.2483, 0.3261
Android (android.graphics.Color)	4285453783 (0xFF6ED5D7)
YUV	182.4310, 16.0565, -63.5220
Hunter-Lab	74.7060, -29.1996, -5.5138

Details

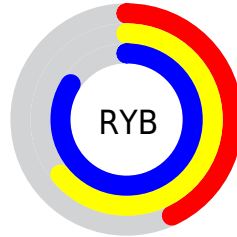
The Yxy color **55.8098, 0.2483, 0.3261** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.1774, 0.4475, 0.3318**, and the grayscale version is **46.9675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0648, 0.2642, 0.3289**, and **27.5961, 0.2326, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **54.3871, 0.2396, 0.3254**, and if you desaturate by 10%, it is **57.5720, 0.2589, 0.3267**.

Distribution



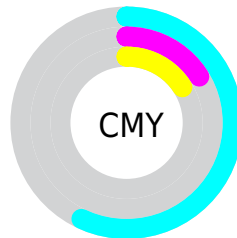
- Red (43%)
- Green (84%)
- Blue (84%)



- Red (43%)
- Yellow (64%)
- Blue (84%)



- Cyan (49%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)





- Cyan (57%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8098, 0.2483, 0.3261 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 55.8098, 0.2483, 0.3261 by changing the saturation by 10% instead.


 55.8098, 0.2483,
0.3261


 55.8098, 0.2483,
0.3261

408.9743, 0.2789,
0.3282


 40.0504, 0.2411,
0.3254


 98.7264, 0.2591,
0.3270

 27.5779, 0.2322,
0.3244


 126.6525, 0.2632,
0.3273

 18.0077, 0.2208,
0.3229


 159.4029, 0.2667,
0.3276

 10.9555, 0.2058,
0.3206

197.3621, 0.2698,
0.3278

 6.0369, 0.1851,
0.3166

240.9145, 0.2725,
0.3279

 2.8676, 0.1552,
0.3092

290.4443, 0.2749,

 1.0630, 0.0808,

0.3280

346.3362, 0.2770,
0.3281

0.3022

0.0000, 0.0000,
0.0000

55.8098, 0.2483,
0.3261

55.8098, 0.2483,
0.3261

54.3871, 0.2396,
0.3254

57.5720, 0.2589,
0.3267

53.2728, 0.2327,
0.3248

59.6893, 0.2710,
0.3274

52.4410, 0.2278,
0.3241


62.1842, 0.2846,
0.3280


51.8587, 0.2247,
0.3235

65.0754, 0.2992,
0.3285


51.4741, 0.2232,
0.3229

68.3805, 0.3145,
0.3291

 51.4338, 0.2230,
0.3228

 72.1157, 0.3304,
0.3295

 75.2300, 0.3423,
0.3300

 75.4428, 0.3422,
0.3304

 75.6562, 0.3422,
0.3308

Harmonies

Analogous

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



55.8098, 0.2761, 0.3660



55.8098, 0.2483, 0.3261



55.8098, 0.2373, 0.2905

Triad

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



55.8098, 0.2483, 0.3261



55.8098, 0.3064, 0.2728



55.8098, 0.3842, 0.3876

Complementary

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



55.8098, 0.2483, 0.3261



27.1774, 0.4475, 0.3318

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.



55.8098, 0.3945, 0.3593



55.8098, 0.2483, 0.3261



55.8098, 0.3479, 0.2954

Square

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



55.8098, 0.2483, 0.3261



55.8098, 0.2690, 0.2629



55.8098, 0.3811, 0.3261



55.8098, 0.3545, 0.4023

Rectangle

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



55.8098, 0.2483, 0.3261



55.8098, 0.2401, 0.2740



55.8098, 0.3811, 0.3261



55.8098, 0.3901, 0.3792

Sweetspot

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



55.8120, 0.2483, 0.3261



92.9833, 0.2898, 0.3282



53.0952, 0.3046, 0.4806



19.7149, 0.2868, 0.3281



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.



55.8120, 0.2483, 0.3261



79.8771, 0.2390, 0.3254



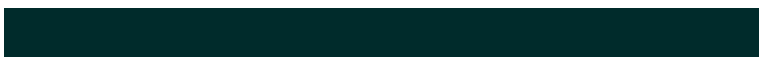
33.6358, 0.2341, 0.2507



14.0648, 0.2983, 0.3285



30.7747, 0.2230, 0.3229



1.8696, 0.2233, 0.3240

Inverse Universe

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



30.4125, 0.3203, 0.2135



38.3061, 0.3218, 0.1931



42.2270, 0.4129, 0.3947



12.6284, 0.3141, 0.3065



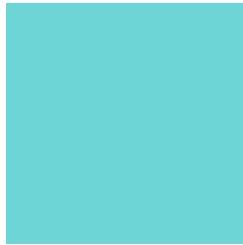
11.4516, 0.3258, 0.1568



0.6921, 0.3249, 0.1563

Previews

White Background



This preview shows how the Yxy color 55.8098, 0.2483, 0.3261 looks on a white background.

Color Contrast Check

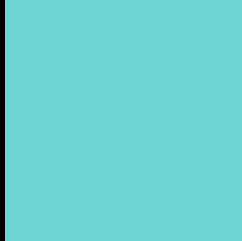
Large Text (above 18pt) WCAG AA × Fail

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 55.8098, 0.2483, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

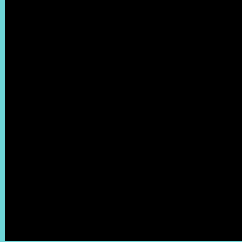
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8098, 0.2483, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 55.8098, 0.2483, 0.3261.

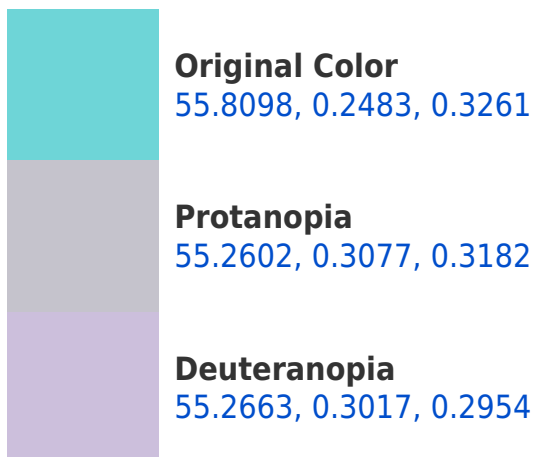


This preview shows how white text looks on a background with the Yxy color 55.8098, 0.2483, 0.3261.

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





Tritanopia

55.7674, 0.2433, 0.3067

Trichromacy



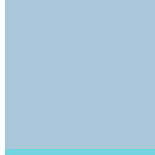
Original Color

55.8098, 0.2483, 0.3261



Protanomaly

54.7945, 0.2816, 0.3213



Deuteranomaly

54.4549, 0.2784, 0.3054



Tritanomaly

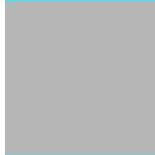
55.9254, 0.2455, 0.3144

Monochromacy



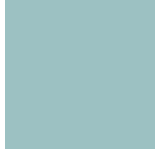
Original Color

55.8098, 0.2483, 0.3261



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.1029, 0.2836, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8098, 0.2483, 0.3261 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(110, 213, 215)` looks like.

```
.text, #text, p{  
    color:rgb(110, 213, 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(110, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 213, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.8098, 0.2483, 0.3261 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(110, 213, 215) }
```

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

```
.border{ border-color:rgb(110, 213, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(110, 213,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8098, 0.2483, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 213, 215) }
```

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

```
.background{ background-color: rgb(110,  
213, 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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