

Converting Colors

$Y_{xy}(55.9562, 0.2752, 0.3411)$

Have a look what the booklet for
Yxy(55.9562, 0.2752, 0.3411)
contains.

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Color

Yxy(55.8821, 0.2749, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	92D1C8
RGB	146, 209, 200
RGB Percent	57%, 82%, 78%
CMY	0.4271, 0.1804, 0.2157
CMYK	0.30, 0.00, 0.04, 0.18
HSL	171°, 41%, 70%
HSV	171°, 30%, 82%
XYZ	45.0895, 55.8821, 63.0498
YIQ	189.1370, -34.6590, -16.1550

Conversions

Conversions Part 2

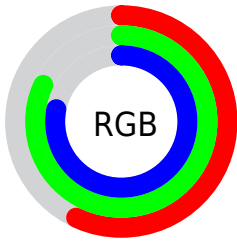
Format	Color
R_{YB}	146, 180, 209
Decimal	9621960
CIE _{Lab}	79.55, -21.88, -1.97
CIE _{LCh}	80, 21.971, 185.132
Yxy	55.8821, 0.2749, 0.3407
Android (android.graphics.Color)	4287812040 (0xFF92D1C8)
YUV	189.1370, 5.3555, -37.8311
Hunter-Lab	74.7543, -23.1544, 2.3212

Details

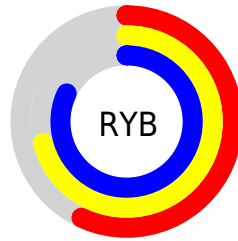
The Yxy color **55.8821, 0.2749, 0.3407** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5052, 0.3701, 0.3178**, and the grayscale version is **50.9649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **27.5137, 0.2652, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **54.0013, 0.2644, 0.3452**, and if you desaturate by 10%, it is **58.1203, 0.2866, 0.3365**.

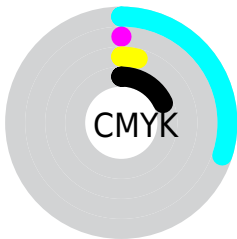
Distribution



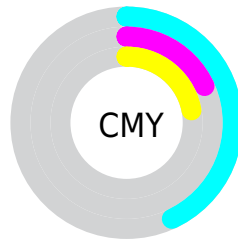
- Red (57%)
- Green (82%)
- Blue (78%)



- Red (57%)
- Yellow (71%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)





- Cyan (43%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8821, 0.2749, 0.3407 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 55.8821, 0.2749, 0.3407 by changing the saturation by 10% instead.


 55.8821, 0.2749,
0.3407

 55.8821, 0.2749,
0.3407

409.2470, 0.2931,
0.3352

 40.1084, 0.2705,
0.3420


 98.8322, 0.2814,
0.3388

 27.6231, 0.2651,
0.3436


 126.7773, 0.2838,
0.3380

 18.0417, 0.2580,
0.3457

159.5485, 0.2860,
0.3374

 10.9799, 0.2484,
0.3484

197.5299, 0.2878,
0.3368

 6.0534, 0.2348,
0.3522

241.1061, 0.2894,
0.3363

 2.8775, 0.2141,
0.3577

290.6614, 0.2908,

 1.0681, 0.1642,

0.3359

0.3729

346.5803, 0.2920,
0.3355

0.0000, 0.0000,
0.0000

55.8821, 0.2749,
0.3407

55.8821, 0.2749,
0.3407

54.0013, 0.2644,
0.3452

58.1203, 0.2866,
0.3365

52.4520, 0.2554,
0.3499

60.7268, 0.2993,
0.3326

51.2156, 0.2481,
0.3549


63.7204, 0.3126,
0.3290


50.2687, 0.2427,
0.3599


67.1164, 0.3263,
0.3258


49.5848, 0.2392,
0.3649


70.9295, 0.3401,
0.3230

 49.1324, 0.2376,
0.3700

 71.9141, 0.3412,
0.3200

 48.8553, 0.2375,
0.3749

 72.0719, 0.3390,
0.3170

 72.2325, 0.3368,
0.3140

 72.3960, 0.3346,
0.3111

Harmonies

Analogous

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



55.8821, 0.2995, 0.3657



55.8821, 0.2749, 0.3407



55.8821, 0.2606, 0.3134

Triad

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



55.8821, 0.2749, 0.3407



55.8821, 0.2951, 0.2836



55.8821, 0.3687, 0.3629

Complementary

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



55.8821, 0.2749, 0.3407



36.5052, 0.3701, 0.3178

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.



55.8821, 0.3678, 0.3405



55.8821, 0.2749, 0.3407



55.8821, 0.3243, 0.2961

Square

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



55.8821, 0.2749, 0.3407



55.8821, 0.2718, 0.2819



55.8821, 0.3513, 0.3164



55.8821, 0.3540, 0.3778

Rectangle

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



55.8821, 0.2749, 0.3407



55.8821, 0.2583, 0.2982



55.8821, 0.3513, 0.3164



55.8821, 0.3703, 0.3560

Sweetspot

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



55.8844, 0.2749, 0.3407



95.6946, 0.3006, 0.3322



54.6937, 0.3155, 0.4147



20.3439, 0.2987, 0.3328



0.0000, 0.0000, 0.0000



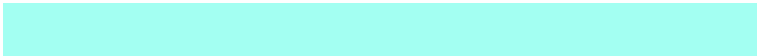
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8844, 0.2749, 0.3407



85.7310, 0.2681, 0.3435



46.2498, 0.2663, 0.2994



13.3768, 0.3002, 0.3323



30.1371, 0.2373, 0.3742



1.6932, 0.2347, 0.3650

Inverse Universe

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



36.5052, 0.3701, 0.3178



50.6729, 0.3874, 0.3154



43.6733, 0.3717, 0.3567



11.8354, 0.3268, 0.3257



8.4240, 0.6196, 0.3187



0.4801, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 55.8821, 0.2749, 0.3407 looks on a white background.

Color Contrast Check

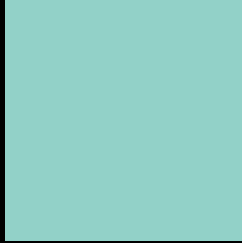
Large Text (above 18pt) WCAG AA × Fail

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 55.8821, 0.2749, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

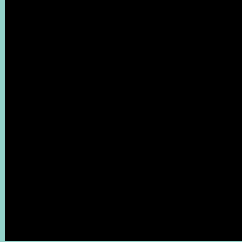
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

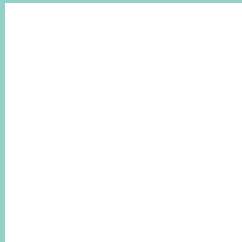
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8821, 0.2749, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 55.8821, 0.2749, 0.3407.

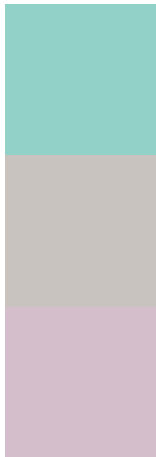


This preview shows how white text looks on a background with the Yxy color 55.8821, 0.2749, 0.3407.

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

55.8821, 0.2749, 0.3407

Protanopia

55.2535, 0.3198, 0.3326

Deuteranopia

55.1836, 0.3200, 0.3127



Tritanopia

55.9958, 0.2647, 0.3087

Trichromacy



Original Color

55.8821, 0.2749, 0.3407

Protanomaly

55.0724, 0.3017, 0.3352

Deuteranomaly

54.9357, 0.3014, 0.3216

Tritanomaly

55.8702, 0.2682, 0.3199

Monochromacy



Original Color

55.8821, 0.2749, 0.3407

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2143, 0.2970, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8821, 0.2749, 0.3407 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(146, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(146, 209, 200)  
}
```

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(146, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 209, 200) }
```

Border

The CSS property to change the border of an element to Yxy 55.8821, 0.2749, 0.3407 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(146, 209, 200) }
```

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

```
.border{ border-color:rgb(146, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(146, 209,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8821, 0.2749, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 209, 200) }
```

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

```
.background{ background-color: rgb(146,  
209, 200) }
```

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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