

Converting Colors

$Yxy(55.8149, 0.2798, 0.3739)$

Have a look what the booklet for
Yxy(55.8149, 0.2798, 0.3739)
contains.

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Color

Yxy(55.9521, 0.2799, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	86D5B4
RGB	134, 213, 180
RGB Percent	53%, 84%, 71%
CMY	0.4742, 0.1647, 0.2941
CMYK	0.37, 0.00, 0.15, 0.16
HSL	155°, 48%, 68%
HSV	155°, 37%, 84%
XYZ	41.8743, 55.9521, 51.7781
YIQ	185.6170, -36.4910, -27.0110

Conversions

Conversions Part 2

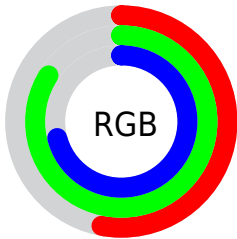
Format	Color
RYB	134, 184, 213
Decimal	8836532
CIELab	79.59, -31.55, 8.70
CIELCh	80, 32.730, 164.591
Yxy	55.9521, 0.2799, 0.3740
Android (android.graphics.Color)	4287026612 (0xFF86D5B4)
YUV	185.6170, -2.7692, -45.2681
Hunter-Lab	74.8011, -30.9762, 11.3196

Details

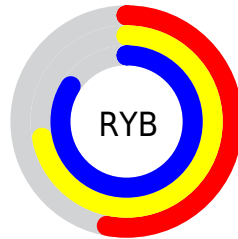
The Yxy color **55.9521, 0.2799, 0.3740** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0100, 0.3645, 0.2886**, and the grayscale version is **48.9198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5233, 0.2848, 0.3495**, and **27.6915, 0.2710, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **54.0243, 0.2730, 0.3887**, and if you desaturate by 10%, it is **58.2602, 0.2879, 0.3603**.

Distribution



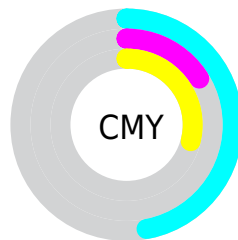
- Red (53%)
- Green (84%)
- Blue (71%)



- Red (53%)
- Yellow (72%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (47%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9521, 0.2799, 0.3740 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 55.9521, 0.2799, 0.3740 by changing the saturation by 10% instead.

 55.9521, 0.2799,
0.3740


 55.9521, 0.2799,
0.3740

409.5110, 0.2961,
0.3515

 40.1645, 0.2759,
0.3796

 98.9345, 0.2857,
0.3658

 27.6668, 0.2708,
0.3868


 126.8982, 0.2879,
0.3628

 18.0747, 0.2641,
0.3964

 159.6893, 0.2898,
0.3602

 11.0036, 0.2549,
0.4097

197.6923, 0.2914,
0.3579

 6.0693, 0.2415,
0.4295

241.2916, 0.2928,
0.3560

 2.8872, 0.2200,
0.4620

290.8715, 0.2941,

 1.0732, 0.1283,

0.3543

0.5772

346.8165, 0.2951,
0.3528

0.0000, 0.0000,
0.0000

55.9521, 0.2799,
0.3740

55.9521, 0.2799,
0.3740

54.0243, 0.2730,
0.3887

58.2602, 0.2879,
0.3603

52.4484, 0.2675,
0.4043

60.9618, 0.2967,
0.3477

51.2025, 0.2637,
0.4205


64.0776, 0.3060,
0.3363

50.2597, 0.2618,
0.4369


67.6250, 0.3155,
0.3261

49.5881, 0.2620,
0.4532

71.6201, 0.3251,
0.3170

 49.1460, 0.2641,
0.4690

 74.7508, 0.3295,
0.3087

 49.0380, 0.2649,
0.4736

 75.2737, 0.3233,
0.3000

 75.8227, 0.3172,
0.2916

 76.0635, 0.3146,
0.2881

Harmonies

Analogous

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



55.9521, 0.3214, 0.4017



55.9521, 0.2799, 0.3740



55.9521, 0.2485, 0.3324

Triad

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



55.9521, 0.2799, 0.3740



55.9521, 0.2617, 0.2595



55.9521, 0.3982, 0.3552

Complementary

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



55.9521, 0.2799, 0.3740



34.0100, 0.3645, 0.2886

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.



55.9521, 0.3804, 0.3205



55.9521, 0.2799, 0.3740



55.9521, 0.2993, 0.2675

Square

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



55.9521, 0.2799, 0.3740



55.9521, 0.2388, 0.2679



55.9521, 0.3431, 0.2893



55.9521, 0.3911, 0.3865

Rectangle

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



55.9521, 0.2799, 0.3740



55.9521, 0.2368, 0.3052



55.9521, 0.3431, 0.2893



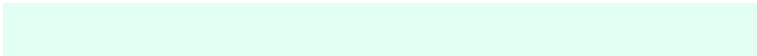
55.9521, 0.3950, 0.3437

Sweetspot

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



55.9544, 0.2799, 0.3740



94.3306, 0.3022, 0.3408



57.6622, 0.3323, 0.4324



20.0529, 0.3009, 0.3424



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.



55.9544, 0.2799, 0.3740



81.9012, 0.2746, 0.3848



54.8587, 0.2602, 0.3219



14.0160, 0.3038, 0.3389



29.9786, 0.2643, 0.4713



1.8245, 0.2567, 0.4441

Inverse Universe

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



34.0100, 0.3645, 0.2886



44.5492, 0.3797, 0.2805



34.4330, 0.4002, 0.3358



12.5061, 0.3226, 0.3193



9.1012, 0.5291, 0.2688



0.5652, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 55.9521, 0.2799, 0.3740 looks on a white background.

Color Contrast Check

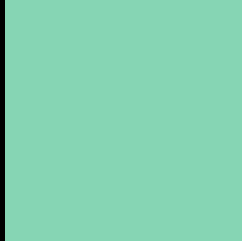
Large Text (above 18pt) WCAG AA × Fail

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 55.9521, 0.2799, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

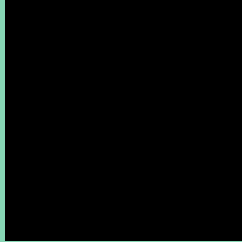
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

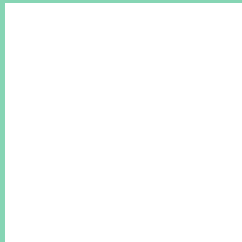
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9521, 0.2799, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 55.9521, 0.2799, 0.3740.

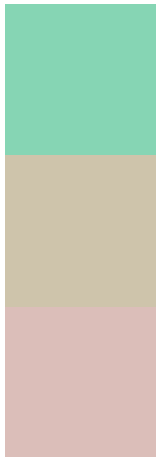


This preview shows how white text looks on a background with the Yxy color 55.9521, 0.2799, 0.3740.

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

55.9521, 0.2799, 0.3740

Protanopia

55.5419, 0.3399, 0.3593

Deuteranopia

55.3898, 0.3409, 0.3349



Tritanopia

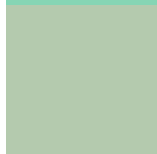
55.9368, 0.2597, 0.3073

Trichromacy



Original Color

55.9521, 0.2799, 0.3740



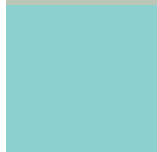
Protanomaly

55.0004, 0.3157, 0.3649



Deuteranomaly

54.4984, 0.3158, 0.3478



Tritanomaly

55.7304, 0.2666, 0.3302

Monochromacy



Original Color

55.9521, 0.2799, 0.3740



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

51.1560, 0.2988, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9521, 0.2799, 0.3740 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(134, 213, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 213, 180)  
}
```

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(134, 213, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 213, 180) }
```

Border

The CSS property to change the border of an element to Yxy 55.9521, 0.2799, 0.3740 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(134, 213, 180) }
```

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

```
.border{ border-color:rgb(134, 213, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 213, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 213, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 213, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 213,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9521, 0.2799, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 213, 180) }
```

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

```
.background{ background-color: rgb(134,  
213, 180) }
```

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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