

Converting Colors

$Yxy(55.6249, 0.2884, 0.3339)$

Have a look what the booklet for
Yxy(55.6249, 0.2884, 0.3339)
contains.

Yxy(55.5714, 0.2882, 0.3340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5714, 0.2882, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	A7CCC8
RGB	167, 204, 200
RGB Percent	65%, 80%, 78%
CMY	0.3452, 0.2000, 0.2156
CMYK	0.18, 0.00, 0.02, 0.20
HSL	174°, 27%, 73%
HSV	174°, 18%, 80%
XYZ	47.9511, 55.5714, 62.8589
YIQ	192.4810, -20.7680, -9.0880

Conversions

Conversions Part 2

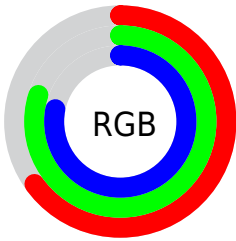
Format	Color
R _{YB}	167, 187, 204
Decimal	10996936
CIE Lab	79.37, -13.04, -2.10
CIE LCh	79, 13.206, 189.162
Yxy	55.5714, 0.2882, 0.3340
Android (android.graphics.Color)	4289187016 (0xFFA7CCC8)
YUV	192.4810, 3.7069, -22.3468
Hunter-Lab	74.5462, -15.6375, 2.1878

Details

The Yxy color **55.5714, 0.2882, 0.3340** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4014, 0.3440, 0.3241**, and the grayscale version is **52.9935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **27.4654, 0.2817, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **53.4230, 0.2759, 0.3371**, and if you desaturate by 10%, it is **58.0763, 0.3014, 0.3311**.

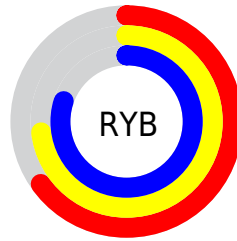
Distribution



Red (65%)

Green (80%)

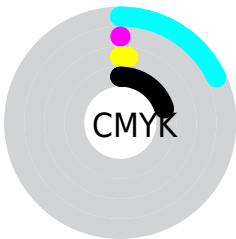
Blue (78%)



Red (65%)

Yellow (73%)

Blue (80%)

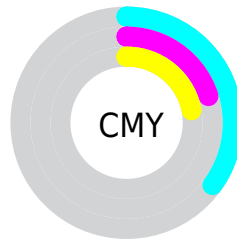


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (35%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5714, 0.2882, 0.3340 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 55.5714, 0.2882, 0.3340 by changing the saturation by 10% instead.


 55.5714, 0.2882,
0.3340


 55.5714, 0.2882,
0.3340


408.0743, 0.3000,
0.3317

 39.8594, 0.2854,
0.3345


 98.3776, 0.2924,
0.3332

 27.4289, 0.2818,
0.3352


 126.2407, 0.2940,
0.3329

 17.8956, 0.2771,
0.3361


158.9228, 0.2954,
0.3326

 10.8751, 0.2708,
0.3372

196.8085, 0.2966,
0.3324

 5.9829, 0.2618,
0.3388

240.2821, 0.2976,
0.3321

 2.8347, 0.2479,
0.3410

289.7280, 0.2985,

 1.0460, 0.2207,

0.3320

0.3458

345.5306, 0.2993,
0.3318

0.0000, 0.0000,
0.0000

55.5714, 0.2882,
0.3340

55.5714, 0.2882,
0.3340

53.4230, 0.2759,
0.3371

58.0763, 0.3014,
0.3311

51.6079, 0.2648,
0.3404

60.9462, 0.3153,
0.3285

50.1105, 0.2552,
0.3439

64.1978, 0.3295,
0.3262

48.9117, 0.2473,
0.3475

67.8447, 0.3439,
0.3241

47.9899, 0.2412,
0.3512

69.1535, 0.3473,
0.3220

■ 47.3208, 0.2371,
0.3549

■ 69.2642, 0.3456,
0.3197

■ 46.8759, 0.2348,
0.3586

■ 69.3765, 0.3439,
0.3175

■ 46.6123, 0.2342,
0.3622

■ 69.4903, 0.3423,
0.3153

■ 46.5714, 0.2342,
0.3629

■ 69.6056, 0.3406,
0.3131

Harmonies

Analogous

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



55.5714, 0.3027, 0.3490



55.5714, 0.2882, 0.3340



55.5714, 0.2803, 0.3180

Triad

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



55.5714, 0.2882, 0.3340



55.5714, 0.3046, 0.3017



55.5714, 0.3457, 0.3515

Complementary

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



55.5714, 0.2882, 0.3340



43.4014, 0.3440, 0.3241

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.



55.5714, 0.3463, 0.3384



55.5714, 0.2882, 0.3340



55.5714, 0.3222, 0.3102

Square

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



55.5714, 0.2882, 0.3340



55.5714, 0.2895, 0.2999



55.5714, 0.3376, 0.3235



55.5714, 0.3360, 0.3590

Rectangle

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



55.5714, 0.2882, 0.3340



55.5714, 0.2796, 0.3092



55.5714, 0.3376, 0.3235



55.5714, 0.3470, 0.3476

Sweetspot

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



55.5737, 0.2882, 0.3340



97.5735, 0.3057, 0.3303



54.6695, 0.3137, 0.3776



20.8145, 0.3047, 0.3305



0.0000, 0.0000, 0.0000



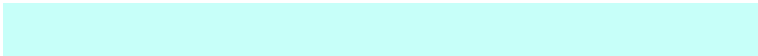
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5737, 0.2882, 0.3340



90.4861, 0.2830, 0.3353



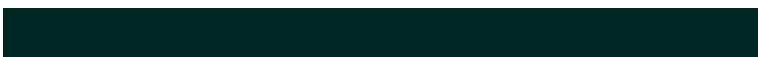
49.3161, 0.2847, 0.3106



12.7055, 0.2998, 0.3315



29.3176, 0.2340, 0.3624



1.5186, 0.2320, 0.3552

Inverse Universe

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



43.4014, 0.3440, 0.3241



66.4653, 0.3530, 0.3229



48.7425, 0.3445, 0.3467



11.2329, 0.3273, 0.3265



8.1231, 0.6261, 0.3223



0.4258, 0.5880, 0.3013

Previews

White Background



This preview shows how the Yxy color 55.5714, 0.2882, 0.3340 looks on a white background.

Color Contrast Check

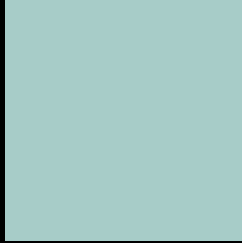
Large Text (above 18pt) WCAG AA × Fail

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 55.5714, 0.2882, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

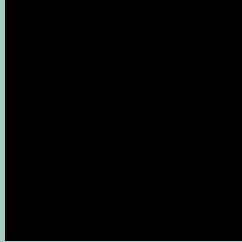
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

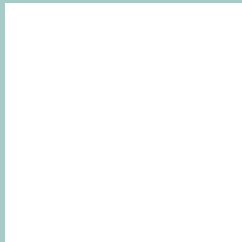
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5714, 0.2882, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 55.5714, 0.2882, 0.3340.

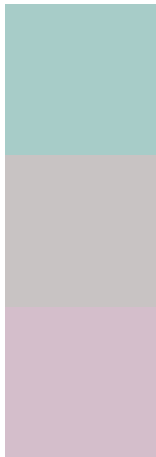


This preview shows how white text looks on a background with the Yxy color 55.5714, 0.2882, 0.3340.

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

55.5714, 0.2882, 0.3340

Protanopia

55.2497, 0.3167, 0.3290

Deuteranopia

55.1358, 0.3208, 0.3139



Tritanopia

55.3291, 0.2793, 0.3091

Trichromacy



Original Color

55.5714, 0.2882, 0.3340

Protanomaly

55.1108, 0.3056, 0.3302

Deuteranomaly

55.0302, 0.3084, 0.3205

Tritanomaly

55.3792, 0.2824, 0.3176

Monochromacy



Original Color

55.5714, 0.2882, 0.3340

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4873, 0.3033, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5714, 0.2882, 0.3340 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(167, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 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(167, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 200) }
```

Border

The CSS property to change the border of an element to Yxy 55.5714, 0.2882, 0.3340 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(167, 204, 200) }
```

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

```
.border{ border-color:rgb(167, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5714, 0.2882, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 200) }
```

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

```
.background{ background-color: rgb(167,  
204, 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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