

Converting Colors

$Yxy(55.2286, 0.2813, 0.3525)$

Have a look what the booklet for
Yxy(55.2286, 0.2813, 0.3525)
contains.

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Color

Yxy(55.0764, 0.2808, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	93D0BF
RGB	147, 208, 191
RGB Percent	58%, 82%, 75%
CMY	0.4234, 0.1843, 0.2509
CMYK	0.29, 0.00, 0.08, 0.18
HSL	163°, 39%, 70%
HSV	163°, 29%, 82%
XYZ	43.9984, 55.0764, 57.6148
YIQ	187.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

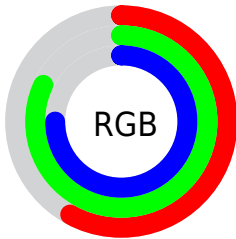
Format	Color
RYB	147, 182, 208
Decimal	9687231
CIELab	79.09, -23.07, 2.17
CIElCh	79, 23.167, 174.616
Yxy	55.0764, 0.2808, 0.3515
Android (android.graphics.Color)	4287877311 (0xFF93D0BF)
YUV	187.8230, 1.5663, -35.8018
Hunter-Lab	74.2135, -24.0475, 5.9203

Details

The Yxy color **55.0764, 0.2808, 0.3515** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9674, 0.3593, 0.3078**, and the grayscale version is **50.1932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7920, 0.2857, 0.3373**, and **26.9971, 0.2718, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **53.0759, 0.2715, 0.3605**, and if you desaturate by 10%, it is **57.4391, 0.2911, 0.3431**.

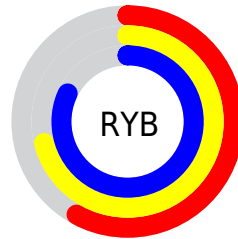
Distribution



Red (58%)

Green (82%)

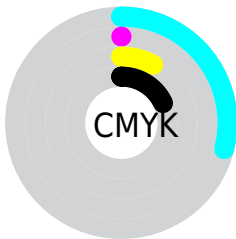
Blue (75%)



Red (58%)

Yellow (71%)

Blue (82%)

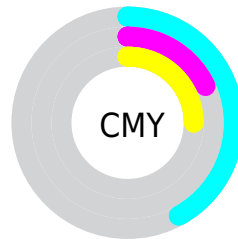


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (42%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0764, 0.2808, 0.3515 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 55.0764, 0.2808, 0.3515 by changing the saturation by 10% instead.


 55.0764, 0.2808,
0.3515


 55.0764, 0.2808,
0.3515

406.2015, 0.2963,
0.3405

 39.4629, 0.2770,
0.3542


 97.6529, 0.2864,
0.3475

 27.1200, 0.2723,
0.3576


 125.3847, 0.2885,
0.3460

 17.6634, 0.2661,
0.3621


157.9246, 0.2903,
0.3448

 10.7086, 0.2576,
0.3683

195.6572, 0.2918,
0.3437

 5.8712, 0.2455,
0.3773

238.9668, 0.2932,
0.3427

 2.7669, 0.2265,
0.3915

288.2378, 0.2944,

 1.0113, 0.1674,

0.3419

0.4308

343.8545, 0.2954,
0.3411

0.0000, 0.0000,
0.0000

55.0764, 0.2808,
0.3515

55.0764, 0.2808,
0.3515

53.0759, 0.2715,
0.3605

57.4391, 0.2911,
0.3431

51.4121, 0.2636,
0.3701

60.1747, 0.3021,
0.3355

50.0666, 0.2572,
0.3802

63.3019, 0.3135,
0.3285

49.0164, 0.2527,
0.3906

66.8358, 0.3252,
0.3223

48.2354, 0.2501,
0.4011

70.7910, 0.3368,
0.3168

■ 47.6930, 0.2496,
0.4116

■ 71.8482, 0.3356,
0.3112

■ 47.3370, 0.2507,
0.4220

■ 72.1711, 0.3314,
0.3054

■ 47.3148, 0.2508,
0.4227

■ 72.5049, 0.3272,
0.2998

■ 72.8495, 0.3231,
0.2942

Harmonies

Analogous

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



55.0764, 0.3092, 0.3748



55.0764, 0.2808, 0.3515



55.0764, 0.2614, 0.3222

Triad

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



55.0764, 0.2808, 0.3515



55.0764, 0.2844, 0.2790



55.0764, 0.3737, 0.3570

Complementary

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



55.0764, 0.2808, 0.3515



36.9674, 0.3593, 0.3078

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.



55.0764, 0.3667, 0.3320



55.0764, 0.2808, 0.3515



55.0764, 0.3139, 0.2885

Square

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



55.0764, 0.2808, 0.3515



55.0764, 0.2634, 0.2816



55.0764, 0.3444, 0.3074



55.0764, 0.3635, 0.3764

Rectangle

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



55.0764, 0.2808, 0.3515



55.0764, 0.2557, 0.3043



55.0764, 0.3444, 0.3074



55.0764, 0.3734, 0.3490

Sweetspot

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



55.0786, 0.2808, 0.3515



95.4994, 0.3023, 0.3353



55.1426, 0.3216, 0.4105



20.2955, 0.3006, 0.3364



0.0000, 0.0000, 0.0000



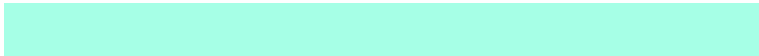
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0786, 0.2808, 0.3515



85.3217, 0.2750, 0.3569



49.6950, 0.2688, 0.3114



13.3486, 0.3020, 0.3356



29.5076, 0.2504, 0.4212



1.6630, 0.2451, 0.4022

Inverse Universe

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



36.9674, 0.3593, 0.3078



52.1855, 0.3729, 0.3032



40.7423, 0.3726, 0.3459



11.8616, 0.3247, 0.3225



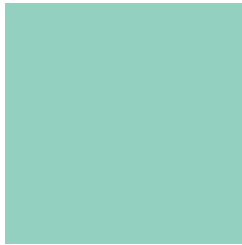
8.5619, 0.5821, 0.2980



0.4923, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 55.0764, 0.2808, 0.3515 looks on a white background.

Color Contrast Check

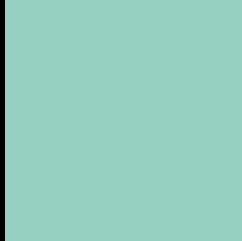
Large Text (above 18pt) WCAG AA × Fail

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 55.0764, 0.2808, 0.3515 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

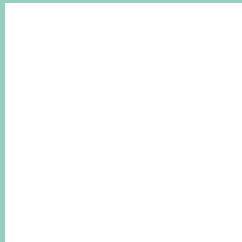
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0764, 0.2808, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 55.0764, 0.2808, 0.3515.

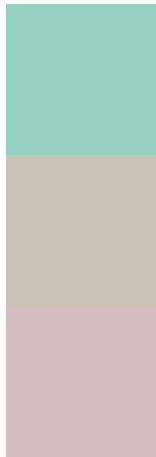


This preview shows how white text looks on a background with the Yxy color 55.0764, 0.2808, 0.3515.

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

55.0764, 0.2808, 0.3515

Protanopia

54.4200, 0.3268, 0.3425

Deuteranopia

54.6315, 0.3288, 0.3220



Tritanopia

55.1253, 0.2668, 0.3086

Trichromacy



Original Color

55.0764, 0.2808, 0.3515

Protanomaly

54.2158, 0.3081, 0.3455

Deuteranomaly

54.3220, 0.3094, 0.3315

Tritanomaly

54.8454, 0.2721, 0.3237

Monochromacy



Original Color

55.0764, 0.2808, 0.3515

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.5886, 0.2998, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0764, 0.2808, 0.3515 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(147, 208, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 208, 191)  
}
```

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(147, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 208, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.0764, 0.2808, 0.3515 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(147, 208, 191) }
```

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

```
.border{ border-color:rgb(147, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 208,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0764, 0.2808, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 208, 191) }
```

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

```
.background{ background-color: rgb(147,  
208, 191) }
```

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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