

Converting Colors

$Yxy(55.5851, 0.2806, 0.3523)$

Have a look what the booklet for
Yxy(55.5851, 0.2806, 0.3523)
contains.

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Color

Yxy(55.5656, 0.2809, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	93D1BF
RGB	147, 209, 191
RGB Percent	58%, 82%, 75%
CMY	0.4234, 0.1804, 0.2509
CMYK	0.30, 0.00, 0.09, 0.18
HSL	163°, 40%, 70%
HSV	163°, 30%, 82%
XYZ	44.2414, 55.5656, 57.6918
YIQ	188.4100, -31.1740, -18.7420

Conversions

Conversions Part 2

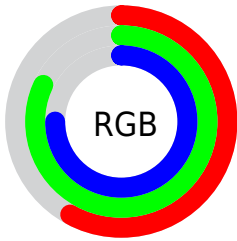
Format	Color
RYB	147, 183, 209
Decimal	9687487
CIELab	79.37, -23.56, 2.59
CIElCh	79, 23.706, 173.738
Yxy	55.5656, 0.2809, 0.3528
Android (android.graphics.Color)	4287877567 (0xFF93D1BF)
YUV	188.4100, 1.2769, -36.3166
Hunter-Lab	74.5423, -24.5080, 6.2923

Details

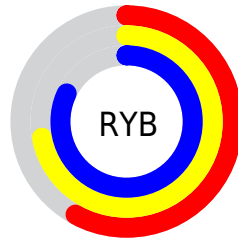
The Yxy color **55.5656, 0.2809, 0.3528** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1474, 0.3593, 0.3066**, and the grayscale version is **50.5450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7920, 0.2857, 0.3373**, and **27.3259, 0.2720, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **53.5461, 0.2718, 0.3623**, and if you desaturate by 10%, it is **57.9517, 0.2910, 0.3440**.

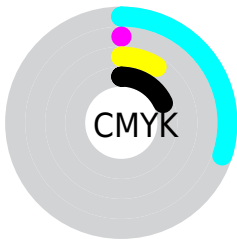
Distribution



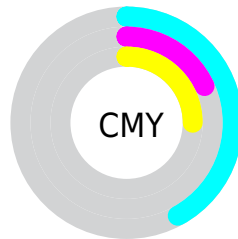
- Red (58%)
- Green (82%)
- Blue (75%)



- Red (58%)
- Yellow (72%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)




- Cyan (42%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5656, 0.2809, 0.3528 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 55.5656, 0.2809, 0.3528 by changing the saturation by 10% instead.

 55.5656, 0.2809,
0.3528

 55.5656, 0.2809,
0.3528


408.0524, 0.2964,
0.3411

 39.8547, 0.2772,
0.3556


 98.3692, 0.2864,
0.3486

 27.4253, 0.2724,
0.3593


 126.2306, 0.2885,
0.3470

 17.8929, 0.2662,
0.3640


158.9111, 0.2903,
0.3457

 10.8731, 0.2578,
0.3706

196.7950, 0.2919,
0.3445

 5.9816, 0.2458,
0.3801

240.2667, 0.2932,
0.3435

 2.8339, 0.2270,
0.3952

289.7105, 0.2944,

 1.0456, 0.1707,

0.3426

0.4349

345.5110, 0.2954,
0.3418

0.0000, 0.0000,
0.0000

55.5656, 0.2809,
0.3528

55.5656, 0.2809,
0.3528

53.5461, 0.2718,
0.3623

57.9517, 0.2910,
0.3440

51.8672, 0.2640,
0.3723

60.7154, 0.3018,
0.3360

50.5103, 0.2578,
0.3829


63.8753, 0.3131,
0.3288

49.4521, 0.2534,
0.3938

67.4472, 0.3246,
0.3223


48.6660, 0.2510,
0.4048


71.4455, 0.3361,
0.3165

 48.1206, 0.2506,
0.4158


 72.4285, 0.3343,
0.3106

 47.7609, 0.2519,
0.4266

 72.7701, 0.3299,
0.3046

 47.7495, 0.2520,
0.4270

 73.1237, 0.3256,
0.2987

 73.4893, 0.3213,
0.2929

Harmonies

Analogous

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



55.5656, 0.3101, 0.3763



55.5656, 0.2809, 0.3528



55.5656, 0.2608, 0.3229

Triad

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



55.5656, 0.2809, 0.3528



55.5656, 0.2830, 0.2780



55.5656, 0.3750, 0.3568

Complementary

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



55.5656, 0.2809, 0.3528



37.1474, 0.3593, 0.3066

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.



55.5656, 0.3674, 0.3312



55.5656, 0.2809, 0.3528



55.5656, 0.3129, 0.2873

Square

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



55.5656, 0.2809, 0.3528



55.5656, 0.2620, 0.2809



55.5656, 0.3442, 0.3063



55.5656, 0.3651, 0.3769

Rectangle

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



55.5656, 0.2809, 0.3528



55.5656, 0.2547, 0.3045



55.5656, 0.3442, 0.3063



55.5656, 0.3745, 0.3486

Sweetspot

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



55.5679, 0.2809, 0.3528



95.4826, 0.3025, 0.3356



55.7733, 0.3225, 0.4114



20.2914, 0.3008, 0.3367



0.0000, 0.0000, 0.0000



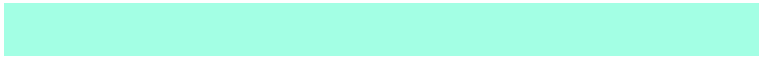
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5679, 0.2809, 0.3528



84.9492, 0.2746, 0.3591



50.5616, 0.2684, 0.3125



13.3462, 0.3021, 0.3358



29.4593, 0.2515, 0.4254



1.6606, 0.2460, 0.4055

Inverse Universe

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



37.1474, 0.3593, 0.3066



51.2361, 0.3743, 0.3013



40.6035, 0.3739, 0.3448



11.8639, 0.3246, 0.3223



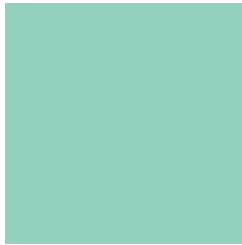
8.5782, 0.5780, 0.2958



0.4935, 0.5248, 0.2664

Previews

White Background



This preview shows how the Yxy color 55.5656, 0.2809, 0.3528 looks on a white background.

Color Contrast Check

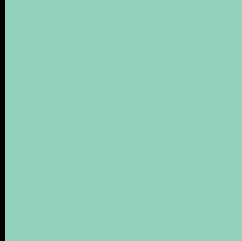
Large Text (above 18pt) WCAG AA × Fail

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 55.5656, 0.2809, 0.3528 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

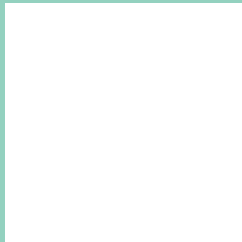
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5656, 0.2809, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 55.5656, 0.2809, 0.3528.



This preview shows how white text looks on a background with the Yxy color 55.5656, 0.2809, 0.3528.

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

55.5656, 0.2809, 0.3528

Protanopia

55.0057, 0.3275, 0.3436

Deuteranopia

55.2141, 0.3295, 0.3232



Tritanopia

55.6554, 0.2663, 0.3087

Trichromacy



Original Color

55.5656, 0.2809, 0.3528

Protanomaly

54.7988, 0.3088, 0.3467

Deuteranomaly

54.7747, 0.3094, 0.3327

Tritanomaly

55.3751, 0.2716, 0.3237

Monochromacy



Original Color

55.5656, 0.2809, 0.3528

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

52.0382, 0.2998, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5656, 0.2809, 0.3528 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, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 209, 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, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 209, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.5656, 0.2809, 0.3528 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, 209, 191) }
```

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

```
.border{ border-color:rgb(147, 209, 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, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 209, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 209, 191); box-shadow:4px 4px 4px 4px rgb(147, 209, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5656, 0.2809, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 209, 191) }
```

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

```
.background{ background-color: rgb(147,  
209, 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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