

Converting Colors

$Yxy(55.4146, 0.2689, 0.3373)$

Have a look what the booklet for
Yxy(55.4146, 0.2689, 0.3373)
contains.

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Color

Yxy(55.4017, 0.2689, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	8BD1CB
RGB	139, 209, 203
RGB Percent	55%, 82%, 80%
CMY	0.4547, 0.1804, 0.2039
CMYK	0.33, 0.00, 0.03, 0.18
HSL	175°, 43%, 68%
HSV	175°, 33%, 82%
XYZ	44.2325, 55.4017, 64.8601
YIQ	187.3860, -39.7940, -16.7060

Conversions

Conversions Part 2

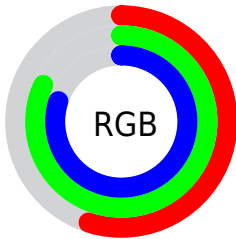
Format	Color
RYB	139, 176, 209
Decimal	9163211
CIELab	79.27, -23.19, -4.02
CIElCh	79, 23.532, 189.834
Yxy	55.4017, 0.2689, 0.3368
Android (android.graphics.Color)	4287353291 (0xFF8BD1CB)
YUV	187.3860, 7.6977, -42.4345
Hunter-Lab	74.4323, -24.1802, 0.4375

Details

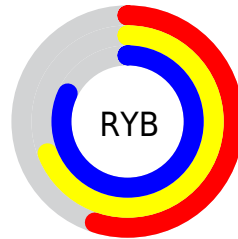
The Yxy color **55.4017, 0.2689, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0793, 0.3836, 0.3216**, and the grayscale version is **49.9022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **27.2124, 0.2574, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **53.6878, 0.2584, 0.3395**, and if you desaturate by 10%, it is **57.4649, 0.2808, 0.3343**.

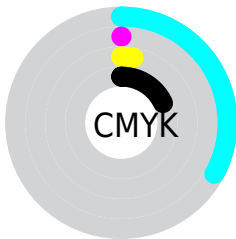
Distribution



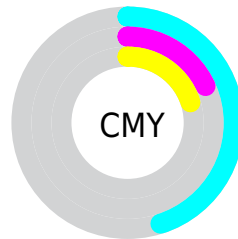
- Red (55%)
- Green (82%)
- Blue (80%)



- Red (55%)
- Yellow (69%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (45%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4017, 0.2689, 0.3368 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 55.4017, 0.2689, 0.3368 by changing the saturation by 10% instead.


 55.4017, 0.2689,
0.3368

 55.4017, 0.2689,
0.3368


407.4328, 0.2900,
0.3333


 39.7234, 0.2639,
0.3376


 98.1293, 0.2764,
0.3356

 27.3230, 0.2576,
0.3385

 125.9473, 0.2792,
0.3351

 17.8159, 0.2494,
0.3397


 158.5808, 0.2817,
0.3347

 10.8179, 0.2385,
0.3411

196.4141, 0.2838,
0.3344

 5.9445, 0.2230,
0.3429

239.8315, 0.2856,
0.3340

 2.8114, 0.1997,
0.3451

289.2175, 0.2872,

 1.0341, 0.1407,

0.3338

344.9565, 0.2887,
0.3335

0.3553

0.0000, 0.0000,
0.0000

55.4017, 0.2689,
0.3368

55.4017, 0.2689,
0.3368

53.6878, 0.2584,
0.3395

57.4649, 0.2808,
0.3343

52.2970, 0.2495,
0.3423

59.8890, 0.2939,
0.3319

51.2098, 0.2424,
0.3452

62.6929, 0.3078,
0.3297


50.4019, 0.2372,
0.3481


65.8924, 0.3222,
0.3277


49.8454, 0.2339,
0.3510

69.5024, 0.3369,
0.3260

 49.5064, 0.2325,
0.3539

 71.7016, 0.3444,
0.3243

 49.3641, 0.2322,
0.3558

 71.7935, 0.3430,
0.3224

 71.8865, 0.3417,
0.3206

 71.9804, 0.3404,
0.3188

Harmonies

Analogous

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



55.4017, 0.2938, 0.3649



55.4017, 0.2689, 0.3368



55.4017, 0.2557, 0.3079

Triad

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



55.4017, 0.2689, 0.3368



55.4017, 0.2985, 0.2818



55.4017, 0.3714, 0.3685

Complementary

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



55.4017, 0.2689, 0.3368



34.0793, 0.3836, 0.3216

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.



55.4017, 0.3733, 0.3452



55.4017, 0.2689, 0.3368



55.4017, 0.3300, 0.2967

Square

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



55.4017, 0.2689, 0.3368



55.4017, 0.2721, 0.2780



55.4017, 0.3579, 0.3193



55.4017, 0.3532, 0.3828

Rectangle

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



55.4017, 0.2689, 0.3368



55.4017, 0.2549, 0.2927



55.4017, 0.3579, 0.3193



55.4017, 0.3740, 0.3614

Sweetspot

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



55.4039, 0.2689, 0.3368



95.3403, 0.2985, 0.3311



53.5795, 0.3131, 0.4265



20.2773, 0.2965, 0.3315



0.0000, 0.0000, 0.0000



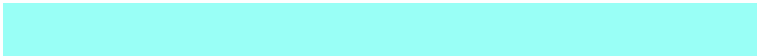
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4039, 0.2689, 0.3368



84.9617, 0.2614, 0.3387



43.1508, 0.2606, 0.2907



13.3889, 0.2994, 0.3310



30.4449, 0.2321, 0.3554



1.7075, 0.2306, 0.3501

Inverse Universe

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



34.0793, 0.3836, 0.3216



46.6421, 0.4058, 0.3201



43.0674, 0.3787, 0.3642



11.8245, 0.3277, 0.3270



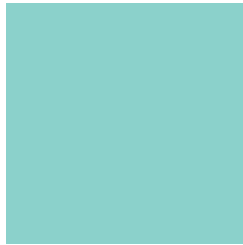
8.3907, 0.6297, 0.3243



0.4750, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 55.4017, 0.2689, 0.3368 looks on a white background.

Color Contrast Check

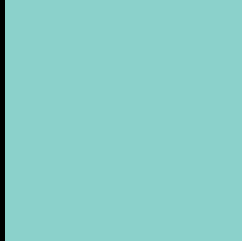
Large Text (above 18pt) WCAG AA × Fail

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 55.4017, 0.2689, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

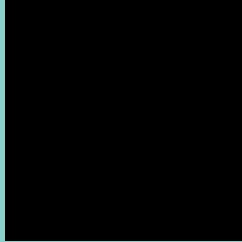
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

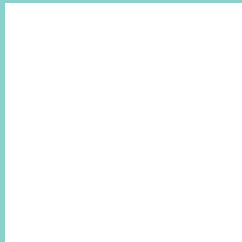
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4017, 0.2689, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 55.4017, 0.2689, 0.3368.

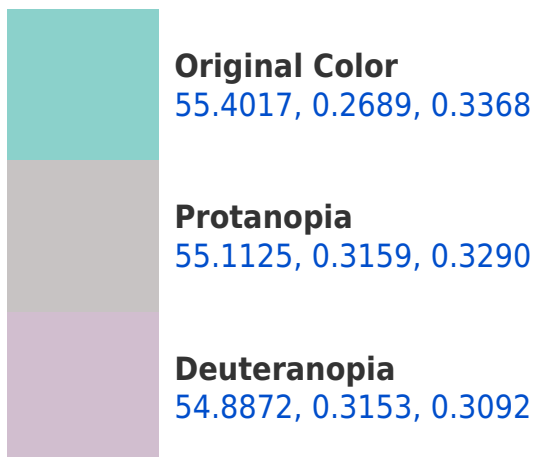


This preview shows how white text looks on a background with the Yxy color 55.4017, 0.2689, 0.3368.

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





Tritanopia

55.3996, 0.2600, 0.3072

Trichromacy



Original Color

55.4017, 0.2689, 0.3368

Protanomaly

54.7329, 0.2966, 0.3315

Deuteranomaly

54.5791, 0.2963, 0.3179

Tritanomaly

55.3343, 0.2629, 0.3172

Monochromacy



Original Color

55.4017, 0.2689, 0.3368

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.4265, 0.2947, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4017, 0.2689, 0.3368 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(139, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(139, 209, 203)  
}
```

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(139, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 209, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.4017, 0.2689, 0.3368 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(139, 209, 203) }
```

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

```
.border{ border-color:rgb(139, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(139, 209,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4017, 0.2689, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 209, 203) }
```

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

```
.background{ background-color: rgb(139,  
209, 203) }
```

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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