

Converting Colors

$Yxy(56.8536, 0.2783, 0.3380)$

Have a look what the booklet for
Yxy(56.8536, 0.2783, 0.3380)
contains.

Yxy(56.7352, 0.2787, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7352, 0.2787, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	9AD1CA
RGB	154, 209, 202
RGB Percent	60%, 82%, 79%
CMY	0.3959, 0.1804, 0.2078
CMYK	0.26, 0.00, 0.03, 0.18
HSL	172°, 37%, 71%
HSV	172°, 26%, 82%
XYZ	46.7952, 56.7352, 64.3749
YIQ	191.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

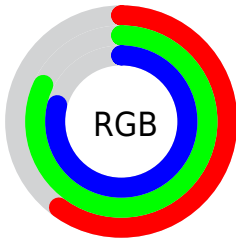
Format	Color
RYB	154, 183, 209
Decimal	10146250
CIELab	80.03, -19.11, -2.29
CIELCh	80, 19.248, 186.835
Yxy	56.7352, 0.2787, 0.3379
Android (android.graphics.Color)	4288336330 (0xFF9AD1CA)
YUV	191.7570, 5.0498, -33.1129
Hunter-Lab	75.3228, -20.9195, 2.0535

Details

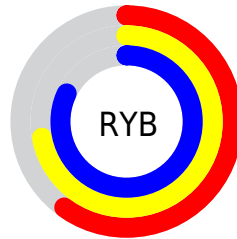
The Yxy color **56.7352, 0.2787, 0.3379** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2533, 0.3615, 0.3204**, and the grayscale version is **52.5530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **28.0160, 0.2698, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **54.7370, 0.2675, 0.3418**, and if you desaturate by 10%, it is **59.0973, 0.2910, 0.3343**.

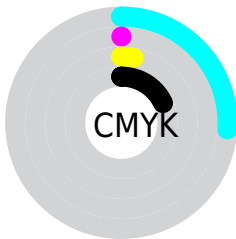
Distribution



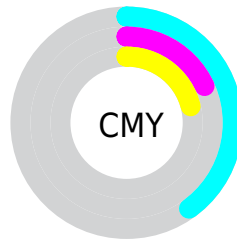
- Red (60%)
- Green (82%)
- Blue (79%)



- Red (60%)
- Yellow (72%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (40%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7352, 0.2787, 0.3379 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 56.7352, 0.2787, 0.3379 by changing the saturation by 10% instead.


 56.7352, 0.2787,
0.3379


 56.7352, 0.2787,
0.3379


412.4563, 0.2951,
0.3337

 40.7927, 0.2748,
0.3389


 100.0787, 0.2845,
0.3364

 28.1571, 0.2699,
0.3401


 128.2485, 0.2867,
0.3359

 18.4441, 0.2636,
0.3416


161.2628, 0.2886,
0.3354

 11.2693, 0.2550,
0.3436

199.5061, 0.2903,
0.3350

 6.2483, 0.2429,
0.3463

243.3626, 0.2917,
0.3346

 2.9966, 0.2245,
0.3503

293.2170, 0.2929,

 1.1300, 0.1871,

0.3343

0.3590

349.4534, 0.2941,
0.3340

0.0034, 0.0000,
0.0201

0.0000, 0.0000,
0.0000

56.7352, 0.2787,
0.3379

56.7352, 0.2787,
0.3379

54.7370, 0.2675,
0.3418

59.0973, 0.2910,
0.3343

53.0771, 0.2578,
0.3459


61.8334, 0.3041,
0.3309

51.7378, 0.2497,
0.3502


64.9620, 0.3178,
0.3279


50.6967, 0.2434,
0.3546


68.4981, 0.3319,
0.3252

 49.9286, 0.2391,
0.3590


 71.7787, 0.3432,
0.3227


 49.4041, 0.2367,
0.3634

 71.9163, 0.3412,
0.3200

 49.0862, 0.2360,
0.3678

 72.0562, 0.3393,
0.3174

 48.9953, 0.2360,
0.3695

 72.1983, 0.3373,
0.3147

 72.3427, 0.3354,
0.3121

Harmonies

Analogous

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



56.7352, 0.2999, 0.3597



56.7352, 0.2787, 0.3379



56.7352, 0.2667, 0.3144

Triad

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



56.7352, 0.2787, 0.3379



56.7352, 0.2988, 0.2895



56.7352, 0.3611, 0.3598

Complementary

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



56.7352, 0.2787, 0.3379



39.2533, 0.3615, 0.3204

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.



56.7352, 0.3611, 0.3405



56.7352, 0.2787, 0.3379



56.7352, 0.3243, 0.3009

Square

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



56.7352, 0.2787, 0.3379



56.7352, 0.2779, 0.2876



56.7352, 0.3474, 0.3192



56.7352, 0.3477, 0.3720

Rectangle

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



56.7352, 0.2787, 0.3379



56.7352, 0.2651, 0.3013



56.7352, 0.3474, 0.3192



56.7352, 0.3627, 0.3539

Sweetspot

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



56.7375, 0.2787, 0.3379



96.1686, 0.3017, 0.3315



55.5480, 0.3146, 0.4026



20.4395, 0.2997, 0.3320



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.



56.7375, 0.2787, 0.3379



87.0210, 0.2718, 0.3402



47.8059, 0.2720, 0.3024



13.3802, 0.3000, 0.3320



30.2211, 0.2358, 0.3688



1.6972, 0.2335, 0.3607

Inverse Universe

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



39.2533, 0.3615, 0.3204



54.7511, 0.3773, 0.3183



46.2350, 0.3623, 0.3541



11.8323, 0.3271, 0.3261



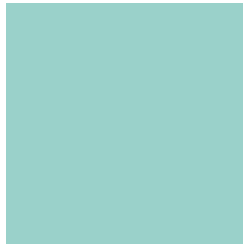
8.4133, 0.6228, 0.3205



0.4787, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 56.7352, 0.2787, 0.3379 looks on a white background.

Color Contrast Check

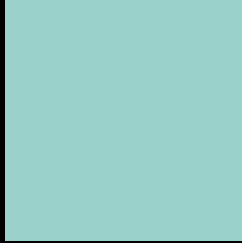
Large Text (above 18pt) WCAG AA × Fail

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 56.7352, 0.2787, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

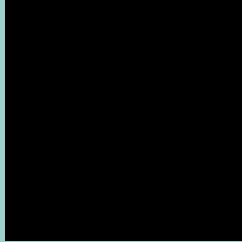
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

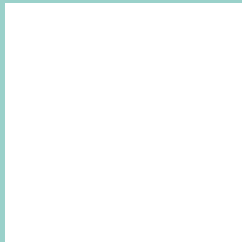
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7352, 0.2787, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 56.7352, 0.2787, 0.3379.



This preview shows how white text looks on a background with the Yxy color 56.7352, 0.2787, 0.3379.

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

56.7352, 0.2787, 0.3379

Protanopia

56.4292, 0.3182, 0.3314

Deuteranopia

56.3016, 0.3191, 0.3128



Tritanopia

56.6856, 0.2690, 0.3089

Trichromacy



Original Color

56.7352, 0.2787, 0.3379

Protanomaly

56.1648, 0.3026, 0.3327

Deuteranomaly

56.0024, 0.3030, 0.3205

Tritanomaly

56.7000, 0.2726, 0.3188

Monochromacy



Original Color

56.7352, 0.2787, 0.3379

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.8387, 0.2987, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7352, 0.2787, 0.3379 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(154, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(154, 209, 202)  
}
```

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(154, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 209, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.7352, 0.2787, 0.3379 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(154, 209, 202) }
```

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

```
.border{ border-color:rgb(154, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(154, 209,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7352, 0.2787, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 209, 202) }
```

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

```
.background{ background-color: rgb(154,  
209, 202) }
```

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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