

Converting Colors

$Yxy(56.5387, 0.2744, 0.3366)$

Have a look what the booklet for
Yxy(56.5387, 0.2744, 0.3366)
contains.

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Color

Yxy(56.8424, 0.2745, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	95D2CC
RGB	149, 210, 204
RGB Percent	58%, 82%, 80%
CMY	0.4156, 0.1765, 0.2001
CMYK	0.29, 0.00, 0.03, 0.18
HSL	174°, 40%, 70%
HSV	174°, 29%, 82%
XYZ	46.3417, 56.8424, 65.6380
YIQ	191.0770, -34.4300, -14.7980

Conversions

Conversions Part 2

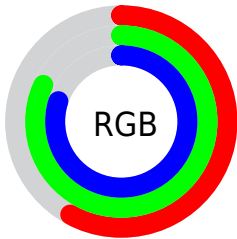
Format	Color
RYB	149, 181, 210
Decimal	9818828
CIELab	80.09, -20.65, -3.28
CIELCh	80, 20.910, 189.018
Yxy	56.8424, 0.2745, 0.3367
Android (android.graphics.Color)	4288008908 (0xFF95D2CC)
YUV	191.0770, 6.3710, -36.9015
Hunter-Lab	75.3939, -22.2224, 1.1578

Details

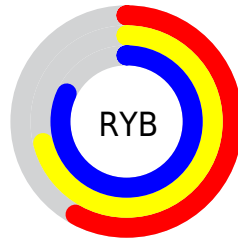
The Yxy color **56.8424, 0.2745, 0.3367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5761, 0.3702, 0.3216**, and the grayscale version is **52.1287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **28.1315, 0.2647, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **54.9448, 0.2634, 0.3398**, and if you desaturate by 10%, it is **59.1021, 0.2868, 0.3338**.

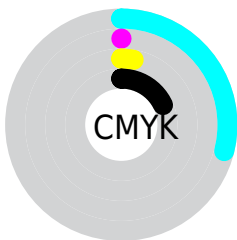
Distribution



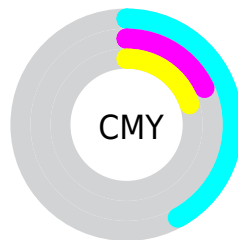
- Red (58%)
- Green (82%)
- Blue (80%)



- Red (58%)
- Yellow (71%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (42%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8424, 0.2745, 0.3367 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 56.8424, 0.2745, 0.3367 by changing the saturation by 10% instead.

 56.8424, 0.2745,
0.3367

 56.8424, 0.2745,
0.3367


412.8585, 0.2928,
0.3332

 40.8787, 0.2701,
0.3375


 100.2352, 0.2810,
0.3355

 28.2243, 0.2647,
0.3385


 128.4331, 0.2835,
0.3350

 18.4948, 0.2576,
0.3397


161.4779, 0.2856,
0.3346

 11.3058, 0.2481,
0.3412

199.7539, 0.2874,
0.3342

 6.2729, 0.2347,
0.3433

243.6456, 0.2890,
0.3339

 3.0117, 0.2145,
0.3460

293.5373, 0.2905,

 1.1379, 0.1729,

0.3336

349.8135, 0.2917,
0.3334

0.3528

0.0101, 0.0000,
0.0402

0.0000, 0.0000,
0.0000

56.8424, 0.2745,
0.3367

56.8424, 0.2745,
0.3367

54.9448, 0.2634,
0.3398

59.1021, 0.2868,
0.3338

53.3832, 0.2539,
0.3430

61.7347, 0.3001,
0.3312

52.1390, 0.2461,
0.3463

64.7590, 0.3141,
0.3288

51.1890, 0.2401,
0.3497

68.1906, 0.3285,
0.3266

■ 50.5065, 0.2361,
0.3531

■ 72.0441, 0.3430,
0.3247

■ 50.0604, 0.2340,
0.3565

■ 72.3338, 0.3422,
0.3226

■ 49.7999, 0.2334,
0.3598

■ 72.4421, 0.3407,
0.3205

■ 49.7780, 0.2334,
0.3601

■ 72.5518, 0.3391,
0.3184

■ 72.6629, 0.3376,
0.3163

Harmonies

Analogous

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



56.8424, 0.2969, 0.3610



56.8424, 0.2745, 0.3367



56.8424, 0.2624, 0.3113

Triad

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



56.8424, 0.2745, 0.3367



56.8424, 0.2995, 0.2869



56.8424, 0.3647, 0.3636

Complementary

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



56.8424, 0.2745, 0.3367



37.5761, 0.3702, 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.



56.8424, 0.3658, 0.3429



56.8424, 0.2745, 0.3367



56.8424, 0.3273, 0.2999

Square

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



56.8424, 0.2745, 0.3367



56.8424, 0.2763, 0.2839



56.8424, 0.3519, 0.3200



56.8424, 0.3491, 0.3762

Rectangle

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



56.8424, 0.2745, 0.3367



56.8424, 0.2614, 0.2976



56.8424, 0.3519, 0.3200



56.8424, 0.3668, 0.3573

Sweetspot

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



56.8447, 0.2745, 0.3367



95.7589, 0.3000, 0.3312



55.2461, 0.3132, 0.4118



20.3598, 0.2980, 0.3316



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.



56.8447, 0.2745, 0.3367



86.2646, 0.2673, 0.3386



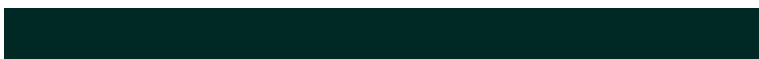
46.0014, 0.2675, 0.2964



13.3861, 0.2996, 0.3313



30.3720, 0.2332, 0.3596



1.7042, 0.2315, 0.3534

Inverse Universe

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



37.5761, 0.3702, 0.3216



51.5201, 0.3883, 0.3199



45.9216, 0.3680, 0.3594



11.8270, 0.3275, 0.3267



8.3972, 0.6277, 0.3232



0.4762, 0.5939, 0.3045

Previews

White Background



This preview shows how the Yxy color 56.8424, 0.2745, 0.3367 looks on a white background.

Color Contrast Check

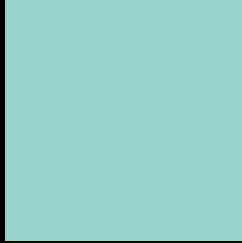
Large Text (above 18pt) WCAG AA × Fail

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 56.8424, 0.2745, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

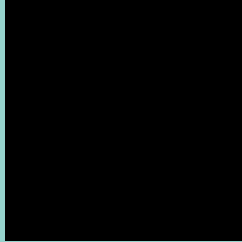
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

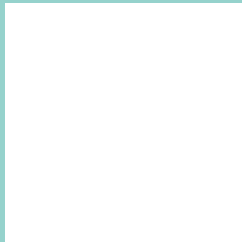
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8424, 0.2745, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 56.8424, 0.2745, 0.3367.

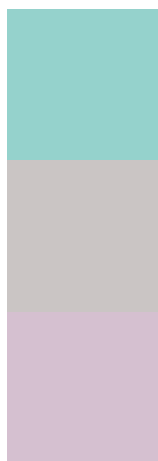


This preview shows how white text looks on a background with the Yxy color 56.8424, 0.2745, 0.3367.

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

56.8424, 0.2745, 0.3367

Protanopia

56.4746, 0.3174, 0.3302

Deuteranopia

56.3995, 0.3176, 0.3106



Tritanopia

56.7798, 0.2649, 0.3076

Trichromacy



Original Color

56.8424, 0.2745, 0.3367

Protanomaly

56.4319, 0.3004, 0.3327

Deuteranomaly

56.2990, 0.3001, 0.3193

Tritanomaly

56.7969, 0.2685, 0.3175

Monochromacy



Original Color

56.8424, 0.2745, 0.3367

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.6038, 0.2972, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8424, 0.2745, 0.3367 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(149, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 210, 204)  
}
```

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(149, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 210, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.8424, 0.2745, 0.3367 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(149, 210, 204) }
```

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

```
.border{ border-color:rgb(149, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 210,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8424, 0.2745, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 210, 204) }
```

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

```
.background{ background-color: rgb(149,  
210, 204) }
```

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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