

Converting Colors

$Yxy(47.2818, 0.2688, 0.3193)$

Have a look what the booklet for
Yxy(47.2818, 0.2688, 0.3193)
contains.

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Color

Yxy(47.3118, 0.2686, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	8BC0C7
RGB	139, 192, 199
RGB Percent	55%, 75%, 78%
CMY	0.4551, 0.2470, 0.2196
CMYK	0.30, 0.04, 0.00, 0.22
HSL	187°, 35%, 66%
HSV	187°, 30%, 78%
XYZ	39.7994, 47.3118, 61.0623
YIQ	176.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

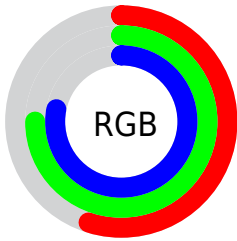
Format	Color
R_{YB}	139, 167, 199
Decimal	9158855
CIE _{Lab}	74.39, -15.54, -9.09
CIE _{LCh}	74, 18.002, 210.320
Yxy	47.3118, 0.2686, 0.3193
Android (android.graphics.Color)	4287348935 (0xFF8BC0C7)
YUV	176.9510, 10.8702, -33.2830
Hunter-Lab	68.7836, -17.0880, -4.4859

Details

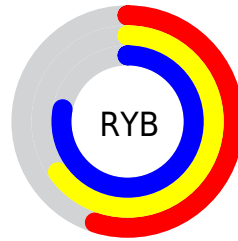
The Yxy color **47.3118, 0.2686, 0.3193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.5419, 0.3770, 0.3384**, and the grayscale version is **43.8907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8241, 0.2767, 0.3215**, and **22.1997, 0.2564, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **44.7464, 0.2558, 0.3156**, and if you desaturate by 10%, it is **50.2087, 0.2825, 0.3228**.

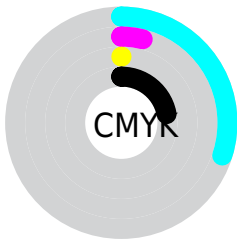
Distribution



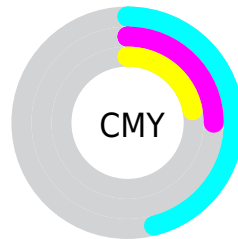
- Red (55%)
- Green (75%)
- Blue (78%)



- Red (55%)
- Yellow (65%)
- Blue (78%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (46%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3118, 0.2686, 0.3193 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 47.3118, 0.2686, 0.3193 by changing the saturation by 10% instead.


 47.3118, 0.2686,
0.3193

 47.3118, 0.2686,
0.3193


376.0577, 0.2903,
0.3245


 33.2822, 0.2633,
0.3179


 86.1789, 0.2764,
0.3213

 22.3427, 0.2566,
0.3161


 111.7851, 0.2794,
0.3220

 14.1089, 0.2477,
0.3135


 142.0191, 0.2819,
0.3226

 8.1965, 0.2356,
0.3098

177.2651, 0.2840,
0.3231

 4.2209, 0.2182,
0.3038

217.9075, 0.2859,
0.3235

 1.7979, 0.1908,
0.2932

264.3309, 0.2875,

 0.4859, 0.0472,

0.3239

0.2781

316.9195, 0.2890,
0.3242

0.0000, 0.0000,
0.0000

47.3118, 0.2686,
0.3193

47.3118, 0.2686,
0.3193

44.7464, 0.2558,
0.3156

50.2087, 0.2825,
0.3228

42.4898, 0.2445,
0.3118

53.4471, 0.2972,
0.3260

40.5253, 0.2348,
0.3078


57.0436, 0.3125,
0.3290

38.8322, 0.2270,
0.3037


61.0120, 0.3280,
0.3316

37.3868, 0.2210,
0.2997

65.3654, 0.3435,
0.3340

 36.1613, 0.2170,
0.2957

 69.4747, 0.3562,
0.3362

 35.1188, 0.2144,
0.2918

 70.5960, 0.3557,
0.3386

 71.7338, 0.3552,
0.3410

 72.8882, 0.3547,
0.3433

Harmonies

Analogous

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



47.3118, 0.2829, 0.3430



47.3118, 0.2686, 0.3193



47.3118, 0.2657, 0.2996

Triad

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



47.3118, 0.2686, 0.3193



47.3118, 0.3187, 0.2980



47.3118, 0.3513, 0.3699

Complementary

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



47.3118, 0.2686, 0.3193



34.5419, 0.3770, 0.3384

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.



47.3118, 0.3620, 0.3559



47.3118, 0.2686, 0.3193



47.3118, 0.3428, 0.3149

Square

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



47.3118, 0.2686, 0.3193



47.3118, 0.2938, 0.2885



47.3118, 0.3589, 0.3358



47.3118, 0.3304, 0.3731

Rectangle

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



47.3118, 0.2686, 0.3193



47.3118, 0.2704, 0.2913



47.3118, 0.3589, 0.3358



47.3118, 0.3563, 0.3662

Sweetspot

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



47.3137, 0.2686, 0.3193



94.2137, 0.2988, 0.3263



48.3720, 0.3046, 0.4074



19.9760, 0.2965, 0.3259



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.



47.3137, 0.2686, 0.3193



79.9266, 0.2603, 0.3170



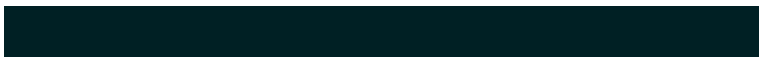
35.7925, 0.2639, 0.2775



11.8489, 0.2984, 0.3262



22.6670, 0.2145, 0.2923



1.1345, 0.2168, 0.3006

Inverse Universe

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



34.4001, 0.3229, 0.2626



54.0771, 0.3255, 0.2488



44.6555, 0.3661, 0.3755



10.7946, 0.3155, 0.3088



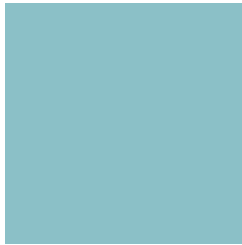
9.8282, 0.3523, 0.1714



0.4715, 0.3449, 0.1673

Previews

White Background



This preview shows how the Yxy color 47.3118, 0.2686, 0.3193 looks on a white background.

Color Contrast Check

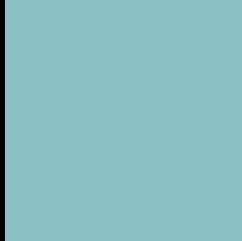
Large Text (above 18pt) WCAG AA × Fail

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 47.3118, 0.2686, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

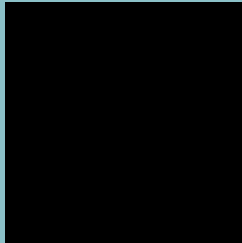
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3118, 0.2686, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 47.3118, 0.2686, 0.3193.



This preview shows how white text looks on a background with the Yxy color 47.3118, 0.2686, 0.3193.

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

47.3118, 0.2686, 0.3193

Protanopia

46.9208, 0.3058, 0.3149

Deuteranopia

46.7849, 0.3048, 0.2979



Tritanopia

47.3806, 0.2655, 0.3086

Trichromacy



Original Color

47.3118, 0.2686, 0.3193

Protanomaly

46.8535, 0.2907, 0.3157

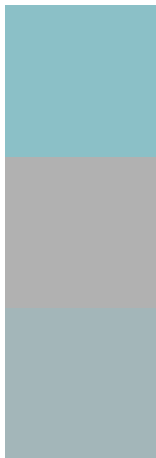
Deuteranomaly

46.4436, 0.2902, 0.3043

Tritanomaly

47.1488, 0.2667, 0.3125

Monochromacy



Original Color

47.3118, 0.2686, 0.3193

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7452, 0.2947, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3118, 0.2686, 0.3193 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, 192, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 192, 199)  
}
```

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, 192, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 192, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.3118, 0.2686, 0.3193 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, 192, 199) }
```

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

```
.border{ border-color:rgb(139, 192, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 192, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 192, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 192, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 192,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3118, 0.2686, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 192, 199) }
```

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

```
.background{ background-color: rgb(139,  
192, 199) }
```

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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