

Converting Colors

$Y_{xy}(41.3005, 0.2773, 0.3226)$

Have a look what the booklet for
Yxy(41.3005, 0.2773, 0.3226)
contains.

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Color

Yxy(41.1899, 0.2766, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	8BB3B8
RGB	139, 179, 184
RGB Percent	55%, 70%, 72%
CMY	0.4550, 0.2980, 0.2784
CMYK	0.24, 0.03, 0.00, 0.28
HSL	187°, 24%, 63%
HSV	187°, 24%, 72%
XYZ	35.4154, 41.1899, 51.4330
YIQ	167.6100, -25.4450, -6.9250

Conversions

Conversions Part 2

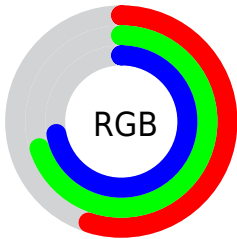
Format	Color
R _Y B	139, 160, 184
Decimal	9155512
CIE Lab	70.31, -12.23, -6.95
CIE LCh	70, 14.064, 209.624
Yxy	41.1899, 0.2766, 0.3217
Android (android.graphics.Color)	4287345592 (0xFF8BB3B8)
YUV	167.6100, 8.0803, -25.0910
Hunter-Lab	64.1794, -13.8142, -2.5891

Details

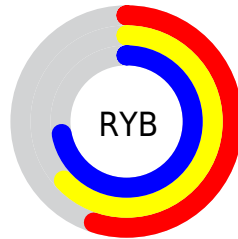
The Yxy color $41.1899, 0.2766, 0.3217$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $31.9891, 0.3614, 0.3362$, and the grayscale version is $38.9239, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0454, 0.2830, 0.3234$, and $18.6351, 0.2665, 0.3187$ is the 20% darker color. If you saturate the color by 10%, you get $38.9272, 0.2633, 0.3183$, and if you desaturate by 10%, it is $43.7346, 0.2909, 0.3249$.

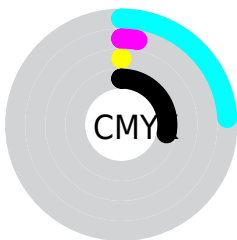
Distribution



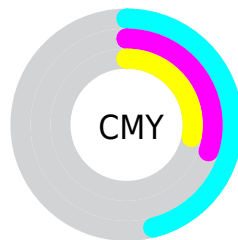
- Red (55%)
- Green (70%)
- Blue (72%)



- Red (55%)
- Yellow (63%)
- Blue (72%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)





- Cyan (46%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1899, 0.2766, 0.3217 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 41.1899, 0.2766, 0.3217 by changing the saturation by 10% instead.


 41.1899, 0.2766,
0.3217

 41.1899, 0.2766,
0.3217


351.1137, 0.2948,
0.3257


 28.4675, 0.2720,
0.3206


 76.9721, 0.2833,
0.3232

 18.6784, 0.2660,
0.3191

 100.8007, 0.2858,
0.3238

 11.4381, 0.2581,
0.3171


 129.1001, 0.2879,
0.3242

 6.3623, 0.2469,
0.3140

162.2547, 0.2897,
0.3246

 3.0666, 0.2300,
0.3088

200.6490, 0.2912,
0.3249

 1.1666, 0.2015,
0.2990

244.6674, 0.2926,

 0.0342, 0.0000,

0.3252

0.0613

294.6941, 0.2938,
0.3255

■ 0.0000, 0.0000,
0.0000

■ 41.1899, 0.2766,
0.3217

■ 41.1899, 0.2766,
0.3217

■ 38.9272, 0.2633,
0.3183

■ 43.7346, 0.2909,
0.3249

■ 36.9282, 0.2512,
0.3148

■ 46.5687, 0.3059,
0.3278

■ 35.1798, 0.2406,
0.3111

■ 49.7056, 0.3212,
0.3304

■ 33.6662, 0.2317,
0.3073

■ 53.1564, 0.3367,
0.3328

■ 32.3694, 0.2247,
0.3034

■ 56.9314, 0.3521,
0.3350

■ 31.2686, 0.2196,
0.2996

■ 61.0406, 0.3672,
0.3369

■ 30.3389, 0.2163,
0.2958

■ 62.9903, 0.3713,
0.3389

■ 29.8693, 0.2149,
0.2937

■ 63.9005, 0.3708,
0.3410

■ 64.8231, 0.3702,
0.3431

Harmonies

Analogous

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



41.1899, 0.2886, 0.3409



41.1899, 0.2766, 0.3217



41.1899, 0.2739, 0.3054

Triad

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



41.1899, 0.2766, 0.3217



41.1899, 0.3172, 0.3031



41.1899, 0.3447, 0.3624

Complementary

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



41.1899, 0.2766, 0.3217



31.9891, 0.3614, 0.3362

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.



41.1899, 0.3530, 0.3509



41.1899, 0.2766, 0.3217



41.1899, 0.3369, 0.3171

Square

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



41.1899, 0.2766, 0.3217



41.1899, 0.2969, 0.2955



41.1899, 0.3502, 0.3344



41.1899, 0.3278, 0.3650

Rectangle

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



41.1899, 0.2766, 0.3217



41.1899, 0.2777, 0.2983



41.1899, 0.3502, 0.3344



41.1899, 0.3486, 0.3594

Sweetspot

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



41.1916, 0.2766, 0.3217



83.0045, 0.3019, 0.3270



41.7665, 0.3062, 0.3901



17.8272, 0.3010, 0.3269



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.1916, 0.2766, 0.3217



72.5492, 0.2698, 0.3200



33.0552, 0.2738, 0.2887



10.0359, 0.2985, 0.3264



20.6489, 0.2151, 0.2942



0.7768, 0.2178, 0.3039

Inverse Universe

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



31.9021, 0.3204, 0.2753



53.1182, 0.3223, 0.2641



39.3228, 0.3544, 0.3662



9.1451, 0.3154, 0.3089



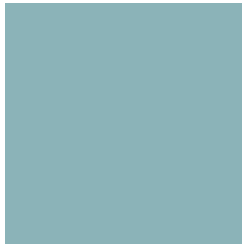
8.8669, 0.3506, 0.1705



0.3175, 0.3420, 0.1657

Previews

White Background



This preview shows how the Yxy color 41.1899, 0.2766, 0.3217 looks on a white background.

Color Contrast Check

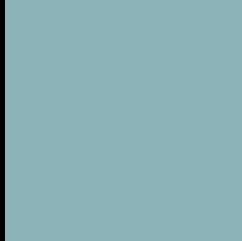
Large Text (above 18pt) WCAG AA × Fail

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 41.1899, 0.2766, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

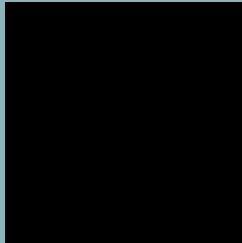
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

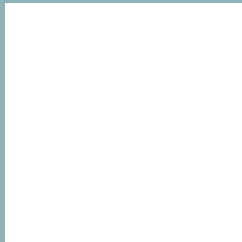
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1899, 0.2766, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 41.1899, 0.2766, 0.3217.



This preview shows how white text looks on a background with the Yxy color 41.1899, 0.2766, 0.3217.

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

41.1899, 0.2766, 0.3217

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

41.0490, 0.3085, 0.3027



Tritanopia

41.3093, 0.2725, 0.3091

Trichromacy



Original Color

41.1899, 0.2766, 0.3217

Protanomaly

40.6969, 0.2950, 0.3178

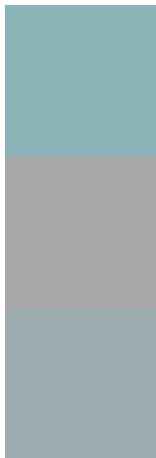
Deuteranomaly

40.7780, 0.2962, 0.3085

Tritanomaly

41.0904, 0.2738, 0.3132

Monochromacy



Original Color

41.1899, 0.2766, 0.3217

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7291, 0.2979, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1899, 0.2766, 0.3217 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 184)  
}
```

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, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.1899, 0.2766, 0.3217 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, 179, 184) }
```

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

```
.border{ border-color:rgb(139, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1899, 0.2766, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 184) }
```

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

```
.background{ background-color: rgb(139,  
179, 184) }
```

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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