

Converting Colors

$Yxy(41.8856, 0.2741, 0.3106)$

Have a look what the booklet for
Yxy(41.8856, 0.2741, 0.3106)
contains.

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Color

Yxy(41.8856, 0.2741, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	8FB3C0
RGB	143, 179, 192
RGB Percent	56%, 70%, 75%
CMY	0.4392, 0.2980, 0.2471
CMYK	0.26, 0.07, 0.00, 0.25
HSL	196°, 28%, 66%
HSV	196°, 26%, 75%
XYZ	36.9634, 41.8856, 56.0048
YIQ	169.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

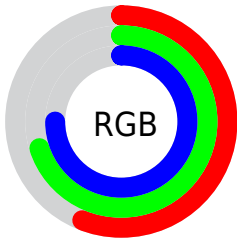
Format	Color
R _Y B	143, 164, 192
Decimal	9417664
CIE Lab	70.79, -9.14, -10.60
CIE LCh	71, 14.000, 229.237
Yxy	41.8856, 0.2741, 0.3106
Android (android.graphics.Color)	4287607744 (0xFF8FB3C0)
YUV	169.7180, 10.9850, -23.4317
Hunter-Lab	64.7191, -11.3105, -6.0034

Details

The Yxy color **41.8856, 0.2741, 0.3106** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9707, 0.3618, 0.3466**, and the grayscale version is **40.0065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1997, 0.2816, 0.3149**, and **19.0099, 0.2622, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **38.3130, 0.2597, 0.3022**, and if you desaturate by 10%, it is **45.8303, 0.2891, 0.3183**.

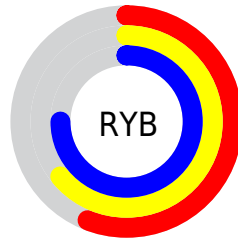
Distribution



Red (56%)

Green (70%)

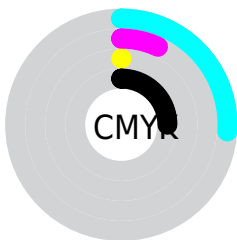
Blue (75%)



Red (56%)

Yellow (64%)

Blue (75%)

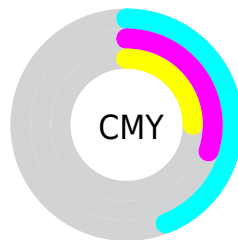


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8856, 0.2741, 0.3106 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 41.8856, 0.2741, 0.3106 by changing the saturation by 10% instead.

■ 41.8856, 0.2741,
0.3106

■ 41.8856, 0.2741,
0.3106

■ 354.0085, 0.2935,
0.3202

■ 29.0117, 0.2692,
0.3081

■ 78.0265, 0.2812,
0.3142

■ 19.0897, 0.2630,
0.3048

■ 102.0622, 0.2838,
0.3155

■ 11.7351, 0.2546,
0.3003

■ 130.5874, 0.2861,
0.3166

■ 6.5636, 0.2429,
0.2938

■ 163.9864, 0.2880,
0.3175

■ 3.1907, 0.2255,
0.2836

■ 202.6436, 0.2896,
0.3183

■ 1.2321, 0.1971,
0.2655

■ 246.9435, 0.2911,

■ 0.0877, 0.0000,

0.3190

0.0948

297.2703, 0.2924,
0.3196

0.0000, 0.0000,
0.0000

41.8856, 0.2741,
0.3106

41.8856, 0.2741,
0.3106

38.3130, 0.2597,
0.3022

45.8303, 0.2891,
0.3183

35.0917, 0.2462,
0.2933

50.1567, 0.3043,
0.3254

32.2064, 0.2339,
0.2840

54.8803, 0.3195,
0.3318

29.6382, 0.2231,
0.2743

60.0140, 0.3345,
0.3375

27.3663, 0.2141,
0.2644

65.5702, 0.3491,
0.3426

■ 25.3662, 0.2071,
0.2545

■ 70.9463, 0.3607,
0.3472

■ 23.6083, 0.2020,
0.2446

■ 73.4954, 0.3594,
0.3524

■ 22.8714, 0.2001,
0.2403

■ 76.1252, 0.3582,
0.3575

■ 78.8365, 0.3570,
0.3625

Harmonies

Analogous

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



41.8856, 0.2801, 0.3283



41.8856, 0.2741, 0.3106



41.8856, 0.2780, 0.2987

Triad

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



41.8856, 0.2741, 0.3106



41.8856, 0.3304, 0.3119



41.8856, 0.3341, 0.3649

Complementary

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



41.8856, 0.2741, 0.3106



36.9707, 0.3618, 0.3466

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.



41.8856, 0.3484, 0.3590



41.8856, 0.2741, 0.3106



41.8856, 0.3463, 0.3283

Square

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



41.8856, 0.2741, 0.3106



41.8856, 0.3100, 0.2999



41.8856, 0.3529, 0.3454



41.8856, 0.3144, 0.3606

Rectangle

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



41.8856, 0.2741, 0.3106



41.8856, 0.2857, 0.2953



41.8856, 0.3529, 0.3454



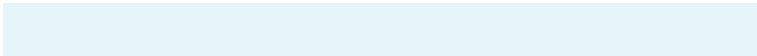
41.8856, 0.3397, 0.3639

Sweetspot

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



41.8873, 0.2741, 0.3106



88.7638, 0.3003, 0.3236



45.9152, 0.3007, 0.3823



18.7835, 0.2980, 0.3226



97.7402, 0.3127, 0.3290



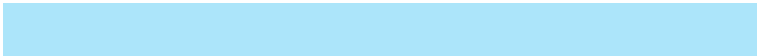
20.4902, 0.3127, 0.3290

Same Dimension

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



41.8873, 0.2741, 0.3106



71.9446, 0.2654, 0.3057



33.1758, 0.2710, 0.2757



10.9616, 0.2984, 0.3227



15.5231, 0.2004, 0.2415



0.7786, 0.2065, 0.2633

Inverse Universe

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



34.1100, 0.3282, 0.2820



55.6513, 0.3328, 0.2707



45.7328, 0.3544, 0.3772



10.2004, 0.3177, 0.3122



8.8493, 0.4008, 0.1982



0.3932, 0.3792, 0.1863

Previews

White Background



This preview shows how the Yxy color 41.8856, 0.2741, 0.3106 looks on a white background.

Color Contrast Check

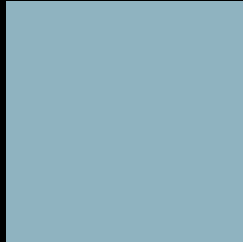
Large Text (above 18pt) WCAG AA × Fail

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 41.8856, 0.2741, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

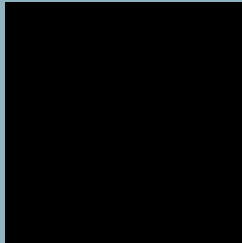
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

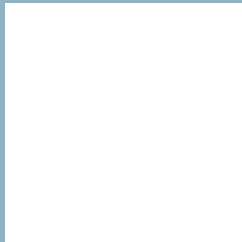
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8856, 0.2741, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 41.8856, 0.2741, 0.3106.



This preview shows how white text looks on a background with the Yxy color 41.8856, 0.2741, 0.3106.

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

41.8856, 0.2741, 0.3106

Protanopia

41.8636, 0.3005, 0.3089

Deuteranopia

41.6036, 0.3019, 0.2951



Tritanopia

41.9301, 0.2734, 0.3092

Trichromacy



Original Color

41.8856, 0.2741, 0.3106

Protanomaly

41.9111, 0.2898, 0.3098

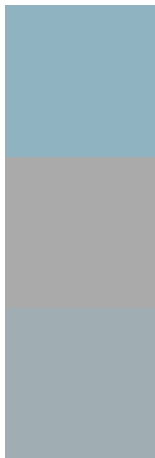
Deuteranomaly

41.5708, 0.2916, 0.3007

Tritanomaly

41.9301, 0.2734, 0.3092

Monochromacy



Original Color

41.8856, 0.2741, 0.3106

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5751, 0.2974, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8856, 0.2741, 0.3106 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(143, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 192)  
}
```

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(143, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.8856, 0.2741, 0.3106 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(143, 179, 192) }
```

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

```
.border{ border-color:rgb(143, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8856, 0.2741, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 192) }
```

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

```
.background{ background-color: rgb(143,  
179, 192) }
```

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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