

Converting Colors

$Yxy(41.1579, 0.2797, 0.3093)$

Have a look what the booklet for
Yxy(41.1579, 0.2797, 0.3093)
contains.

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Color

Yxy(41.1579, 0.2797, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	95B0BE
RGB	149, 176, 190
RGB Percent	58%, 69%, 75%
CMY	0.4155, 0.3098, 0.2549
CMYK	0.22, 0.07, 0.00, 0.25
HSL	201°, 24%, 66%
HSV	201°, 22%, 75%
XYZ	37.2191, 41.1579, 54.6909
YIQ	169.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

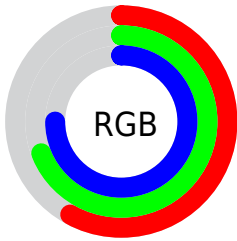
Format	Color
RYB	149, 165, 190
Decimal	9810110
CIELab	70.29, -6.12, -10.21
CIELCh	70, 11.907, 239.057
Yxy	41.1579, 0.2797, 0.3093
Android (android.graphics.Color)	4288000190 (0xFF95B0BE)
YUV	169.5230, 10.0952, -17.9987
Hunter-Lab	64.1544, -8.7137, -5.6359

Details

The Yxy color **41.1579, 0.2797, 0.3093** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3267, 0.3518, 0.3479**, and the grayscale version is **39.9098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2044, 0.2862, 0.3139**, and **18.7628, 0.2693, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **37.0291, 0.2645, 0.2988**, and if you desaturate by 10%, it is **45.7035, 0.2951, 0.3190**.

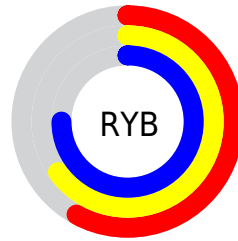
Distribution



Red (58%)

Green (69%)

Blue (75%)



Red (58%)

Yellow (65%)

Blue (75%)

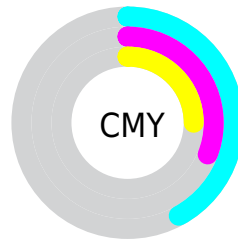


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1579, 0.2797, 0.3093 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 41.1579, 0.2797, 0.3093 by changing the saturation by 10% instead.

■ 41.1579, 0.2797,
0.3093

■ 41.1579, 0.2797,
0.3093

350.9801, 0.2964,
0.3195

■ 28.4425, 0.2755,
0.3067

■ 76.9235, 0.2858,
0.3131

■ 18.6595, 0.2700,
0.3032

■ 100.7425, 0.2881,
0.3145

■ 11.4245, 0.2628,
0.2985

129.0315, 0.2900,
0.3156

■ 6.3531, 0.2525,
0.2917

162.1749, 0.2916,
0.3166

■ 3.0610, 0.2370,
0.2811

200.5571, 0.2931,
0.3175

■ 1.1636, 0.2113,
0.2626

244.5624, 0.2943,

■ 0.0317, 0.0000,

0.3183

0.0406

294.5753, 0.2954,
0.3189

0.0000, 0.0000,
0.0000

41.1579, 0.2797,
0.3093

41.1579, 0.2797,
0.3093

37.0291, 0.2645,
0.2988

45.7035, 0.2951,
0.3190

33.2962, 0.2499,
0.2874

50.6755, 0.3104,
0.3277

29.9439, 0.2362,
0.2753

56.0898, 0.3254,
0.3356

26.9537, 0.2237,
0.2627

61.9595, 0.3399,
0.3426

24.3050, 0.2129,
0.2497

68.2972, 0.3538,
0.3488

■ 21.9747, 0.2039,
0.2366

■ 73.5580, 0.3609,
0.3548

■ 19.9354, 0.1970,
0.2237

■ 76.9306, 0.3593,
0.3612

■ 18.3959, 0.1925,
0.2129

■ 80.4361, 0.3577,
0.3676

■ 84.0758, 0.3561,
0.3739

Harmonies

Analogous

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



41.1579, 0.2821, 0.3232



41.1579, 0.2797, 0.3093



41.1579, 0.2858, 0.3011

Triad

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



41.1579, 0.2797, 0.3093



41.1579, 0.3329, 0.3187



41.1579, 0.3259, 0.3594

Complementary

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



41.1579, 0.2797, 0.3093



39.3267, 0.3518, 0.3479

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.



41.1579, 0.3400, 0.3572



41.1579, 0.2797, 0.3093



41.1579, 0.3443, 0.3334

Square

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



41.1579, 0.2797, 0.3093



41.1579, 0.3163, 0.3068



41.1579, 0.3469, 0.3475



41.1579, 0.3085, 0.3528

Rectangle

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



41.1579, 0.2797, 0.3093



41.1579, 0.2940, 0.2998



41.1579, 0.3469, 0.3475



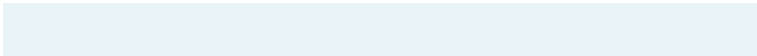
41.1579, 0.3312, 0.3596

Sweetspot

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



41.1596, 0.2797, 0.3093



87.6474, 0.3034, 0.3239



45.8496, 0.3001, 0.3679



19.1156, 0.3024, 0.3233



97.7402, 0.3127, 0.3290



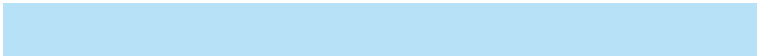
20.4902, 0.3127, 0.3290

Same Dimension

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



41.1596, 0.2797, 0.3093



70.8579, 0.2723, 0.3043



33.8449, 0.2777, 0.2800



10.2453, 0.2985, 0.3210



12.3841, 0.1929, 0.2146



0.6021, 0.2014, 0.2452

Inverse Universe

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



35.5900, 0.3284, 0.2935



59.1772, 0.3328, 0.2852



47.0525, 0.3465, 0.3737



9.6393, 0.3188, 0.3140



8.2799, 0.4291, 0.2138



0.3361, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 41.1579, 0.2797, 0.3093 looks on a white background.

Color Contrast Check

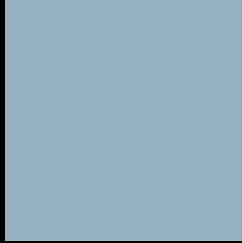
Large Text (above 18pt) WCAG AA × Fail

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 41.1579, 0.2797, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

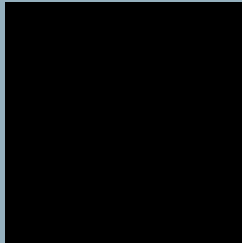
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

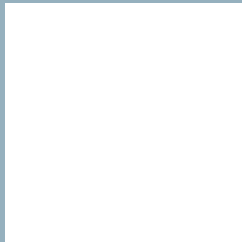
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1579, 0.2797, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 41.1579, 0.2797, 0.3093.

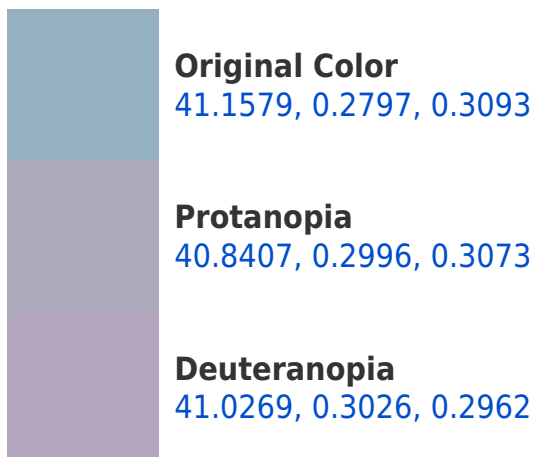


This preview shows how white text looks on a background with the Yxy color 41.1579, 0.2797, 0.3093.

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





Tritanopia

41.1579, 0.2797, 0.3093

Trichromacy



Original Color

41.1579, 0.2797, 0.3093

Protanomaly

40.7743, 0.2921, 0.3083

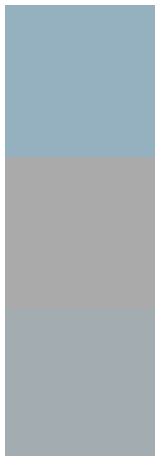
Deuteranomaly

40.8359, 0.2939, 0.3006

Tritanomaly

41.1579, 0.2797, 0.3093

Monochromacy



Original Color

41.1579, 0.2797, 0.3093

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3608, 0.2999, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1579, 0.2797, 0.3093 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, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 190)  
}
```

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, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 190) }
```

Border

The CSS property to change the border of an element to Yxy 41.1579, 0.2797, 0.3093 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, 176, 190) }
```

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

```
.border{ border-color:rgb(149, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1579, 0.2797, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 190) }
```

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

```
.background{ background-color: rgb(149,  
176, 190) }
```

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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