

Converting Colors

$Y_{xy}(44.1640, 0.2818, 0.3192)$

Have a look what the booklet for
Yxy(44.1640, 0.2818, 0.3192)
contains.

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Color

Yxy(44.1640, 0.2818, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	97B7BE
RGB	151, 183, 190
RGB Percent	59%, 72%, 75%
CMY	0.4079, 0.2823, 0.2548
CMYK	0.21, 0.04, 0.00, 0.25
HSL	191°, 23%, 67%
HSV	191°, 21%, 75%
XYZ	38.9894, 44.1640, 55.2050
YIQ	174.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

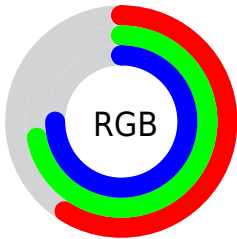
Format	Color
RYB	151, 169, 190
Decimal	9942974
CIELab	72.34, -9.26, -7.17
CIELCh	72, 11.709, 217.772
Yxy	44.1640, 0.2818, 0.3192
Android (android.graphics.Color)	4288133054 (0xFF97B7BE)
YUV	174.2300, 7.7746, -20.3727
Hunter-Lab	66.4560, -11.5730, -2.7330

Details

The Yxy color **44.1640, 0.2818, 0.3192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6402, 0.3513, 0.3386**, and the grayscale version is **42.4187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5086, 0.2877, 0.3215**, and **20.4241, 0.2725, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **41.0983, 0.2676, 0.3138**, and if you desaturate by 10%, it is **47.5606, 0.2967, 0.3242**.

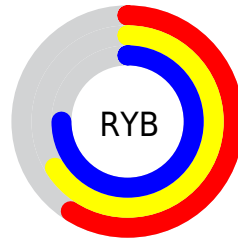
Distribution



Red (59%)

Green (72%)

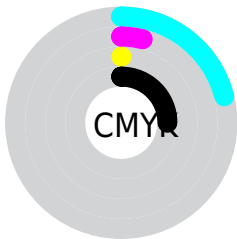
Blue (75%)



Red (59%)

Yellow (66%)

Blue (75%)

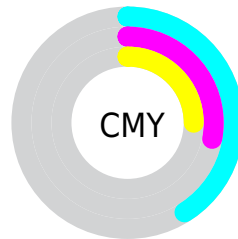


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (41%)


Magenta (28%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1640, 0.2818, 0.3192 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 44.1640, 0.2818, 0.3192 by changing the saturation by 10% instead.


 44.1640, 0.2818,
0.3192


 44.1640, 0.2818,
0.3192


363.3771, 0.2973,
0.3243

 30.7995, 0.2779,
0.3179


 81.4645, 0.2874,
0.3211

 20.4462, 0.2730,
0.3161


 106.1692, 0.2895,
0.3218

 12.7198, 0.2664,
0.3137

135.4227, 0.2913,
0.3224

 7.2359, 0.2572,
0.3102

169.6096, 0.2928,
0.3229

 3.6101, 0.2436,
0.3046

209.1140, 0.2942,
0.3233

 1.4579, 0.2212,
0.2948

254.3205, 0.2953,

 0.2588, 0.0189,

0.3237

0.2437

305.6134, 0.2963,
0.3240

0.0000, 0.0000,
0.0000

44.1640, 0.2818,
0.3192

44.1640, 0.2818,
0.3192

41.0983, 0.2676,
0.3138

47.5606, 0.2967,
0.3242

38.3439, 0.2544,
0.3080

51.2961, 0.3119,
0.3288

35.8872, 0.2424,
0.3020

55.3848, 0.3272,
0.3329

33.7112, 0.2320,
0.2957

59.8385, 0.3424,
0.3366

31.7974, 0.2233,
0.2893

64.6685, 0.3573,
0.3399

■ 30.1243, 0.2165,
0.2828

■ 67.9402, 0.3637,
0.3431

■ 28.6668, 0.2117,
0.2763

■ 69.5789, 0.3628,
0.3466

■ 27.4416, 0.2084,
0.2703

■ 71.2535, 0.3620,
0.3501

■ 72.9643, 0.3611,
0.3535

Harmonies

Analogous

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



44.1640, 0.2898, 0.3345



44.1640, 0.2818, 0.3192



44.1640, 0.2819, 0.3071

Triad

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



44.1640, 0.2818, 0.3192



44.1640, 0.3211, 0.3105



44.1640, 0.3356, 0.3575

Complementary

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



44.1640, 0.2818, 0.3192



37.6402, 0.3513, 0.3386

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.



44.1640, 0.3445, 0.3501



44.1640, 0.2818, 0.3192



44.1640, 0.3360, 0.3231

Square

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



44.1640, 0.2818, 0.3192



44.1640, 0.3042, 0.3026



44.1640, 0.3447, 0.3374



44.1640, 0.3206, 0.3572

Rectangle

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



44.1640, 0.2818, 0.3192



44.1640, 0.2864, 0.3024



44.1640, 0.3447, 0.3374



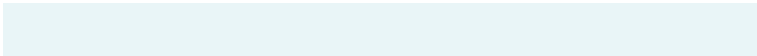
44.1640, 0.3394, 0.3558

Sweetspot

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



44.1658, 0.2818, 0.3192



89.0890, 0.3034, 0.3263



45.8704, 0.3053, 0.3754



19.4657, 0.3024, 0.3260



97.7402, 0.3127, 0.3290



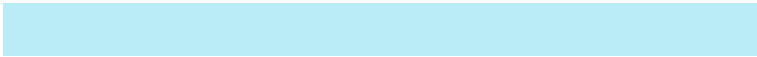
20.4902, 0.3127, 0.3290

Same Dimension

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



44.1658, 0.2818, 0.3192



77.2338, 0.2748, 0.3166



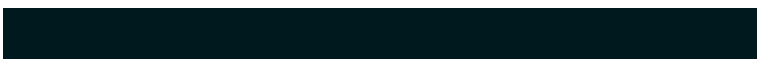
36.8450, 0.2800, 0.2920



10.5095, 0.2985, 0.3248



18.3438, 0.2087, 0.2712



0.7961, 0.2129, 0.2865

Inverse Universe

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



36.4957, 0.3216, 0.2873



60.8196, 0.3240, 0.2771



44.6358, 0.3464, 0.3634



9.6660, 0.3164, 0.3104



8.8815, 0.3717, 0.1821



0.3557, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 44.1640, 0.2818, 0.3192 looks on a white background.

Color Contrast Check

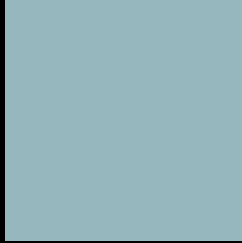
Large Text (above 18pt) WCAG AA × Fail

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 44.1640, 0.2818, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

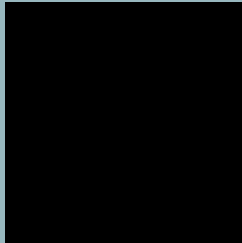
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

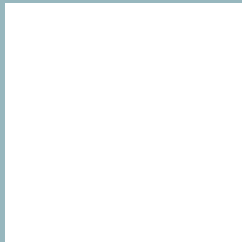
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1640, 0.2818, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 44.1640, 0.2818, 0.3192.



This preview shows how white text looks on a background with the Yxy color 44.1640, 0.2818, 0.3192.

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

44.1640, 0.2818, 0.3192

Protanopia

44.0608, 0.3064, 0.3158

Deuteranopia

43.8756, 0.3095, 0.3034



Tritanopia

44.1625, 0.2777, 0.3085

Trichromacy



Original Color

44.1640, 0.2818, 0.3192

Protanomaly

44.1529, 0.2972, 0.3182

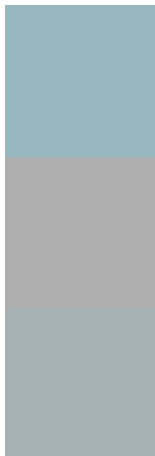
Deuteranomaly

43.8109, 0.2991, 0.3092

Tritanomaly

44.0263, 0.2797, 0.3125

Monochromacy



Original Color

44.1640, 0.2818, 0.3192

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8466, 0.3009, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1640, 0.2818, 0.3192 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(151, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 183, 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(151, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.1640, 0.2818, 0.3192 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(151, 183, 190) }
```

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

```
.border{ border-color:rgb(151, 183, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1640, 0.2818, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 183, 190) }
```

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

```
.background{ background-color: rgb(151,  
183, 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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