

Converting Colors

$Yxy(44.7175, 0.2873, 0.3135)$

Have a look what the booklet for
Yxy(44.7175, 0.2873, 0.3135)
contains.

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Color

Yxy(44.8832, 0.2873, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	A1B6C1
RGB	161, 182, 193
RGB Percent	63%, 71%, 76%
CMY	0.3686, 0.2863, 0.2431
CMYK	0.17, 0.06, 0.00, 0.24
HSL	201°, 21%, 69%
HSV	201°, 17%, 76%
XYZ	41.0536, 44.8832, 56.9578
YIQ	176.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

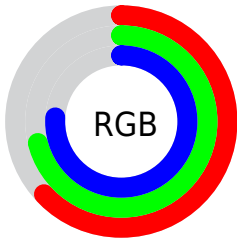
Format	Color
R _Y B	161, 174, 193
Decimal	10598081
CIE Lab	72.81, -4.87, -8.02
CIE LCh	73, 9.381, 238.747
Yxy	44.8832, 0.2873, 0.3141
Android (android.graphics.Color)	4288788161 (0xFFA1B6C1)
YUV	176.9750, 7.9003, -14.0101
Hunter-Lab	66.9949, -7.8586, -3.5108

Details

The Yxy color **44.8832, 0.2873, 0.3141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4255, 0.3416, 0.3434**, and the grayscale version is **43.9186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5876, 0.2921, 0.3175**, and **20.8452, 0.2796, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **40.3760, 0.2720, 0.3039**, and if you desaturate by 10%, it is **49.8327, 0.3027, 0.3234**.

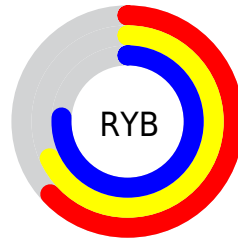
Distribution



Red (63%)

Green (71%)

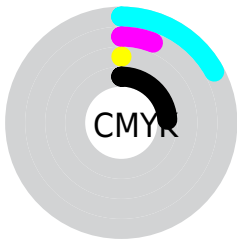
Blue (76%)



Red (63%)

Yellow (68%)

Blue (76%)

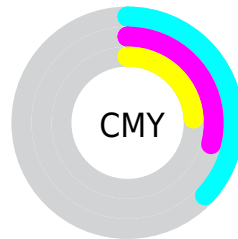


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (37%)


Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8832, 0.2873, 0.3141 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 44.8832, 0.2873, 0.3141 by changing the saturation by 10% instead.

 44.8832, 0.2873,
0.3141

 44.8832, 0.2873,
0.3141


366.3003, 0.3000,
0.3217

 31.3654, 0.2841,
0.3122


 82.5451, 0.2919,
0.3169

 20.8773, 0.2801,
0.3097


 107.4581, 0.2936,
0.3179

 13.0343, 0.2747,
0.3063


136.9382, 0.2951,
0.3188

 7.4522, 0.2671,
0.3015

171.3699, 0.2964,
0.3195

 3.7465, 0.2559,
0.2942

211.1375, 0.2975,
0.3202

 1.5328, 0.2376,
0.2818

256.6256, 0.2984,

 0.3116, 0.1277,

0.3208

0.2244

308.2184, 0.2993,
0.3212

0.0000, 0.0000,
0.0000

44.8832, 0.2873,
0.3141

44.8832, 0.2873,
0.3141

40.3760, 0.2720,
0.3039

49.8327, 0.3027,
0.3234

36.2895, 0.2570,
0.2928

55.2338, 0.3179,
0.3318

32.6087, 0.2427,
0.2810

61.1027, 0.3327,
0.3392

29.3149, 0.2295,
0.2685

67.4527, 0.3469,
0.3459

26.3880, 0.2178,
0.2556

73.8165, 0.3586,
0.3519

■ 23.8054, 0.2079,
0.2424

■ 77.2720, 0.3570,
0.3585

■ 21.5407, 0.2000,
0.2293

■ 80.8663, 0.3555,
0.3650

■ 19.5604, 0.1940,
0.2163

■ 84.6012, 0.3539,
0.3715

■ 18.9268, 0.1922,
0.2119

■ 88.4781, 0.3525,
0.3778

Harmonies

Analogous

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



44.8832, 0.2893, 0.3248



44.8832, 0.2873, 0.3141



44.8832, 0.2920, 0.3077

Triad

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



44.8832, 0.2873, 0.3141



44.8832, 0.3281, 0.3210



44.8832, 0.3230, 0.3521

Complementary

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



44.8832, 0.2873, 0.3141



43.4255, 0.3416, 0.3434

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.



44.8832, 0.3337, 0.3505



44.8832, 0.2873, 0.3141



44.8832, 0.3367, 0.3324

Square

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



44.8832, 0.2873, 0.3141



44.8832, 0.3153, 0.3118



44.8832, 0.3388, 0.3432



44.8832, 0.3097, 0.3472

Rectangle

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



44.8832, 0.2873, 0.3141



44.8832, 0.2983, 0.3065



44.8832, 0.3388, 0.3432



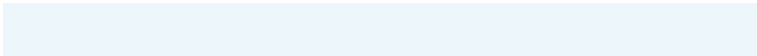
44.8832, 0.3270, 0.3523

Sweetspot

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



44.8851, 0.2873, 0.3141



90.6391, 0.3050, 0.3247



48.6894, 0.3029, 0.3581



19.3030, 0.3039, 0.3241



97.7402, 0.3127, 0.3290



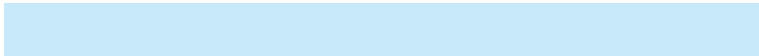
20.4902, 0.3127, 0.3290

Same Dimension

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



44.8851, 0.2873, 0.3141



77.2742, 0.2816, 0.3104



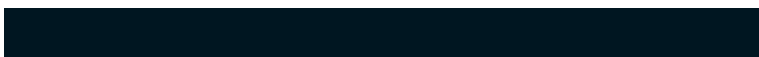
38.8263, 0.2863, 0.2924



10.8260, 0.2984, 0.3209



12.7405, 0.1927, 0.2136



0.6747, 0.2007, 0.2424

Inverse Universe

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



40.2096, 0.3244, 0.3020



67.4433, 0.3275, 0.2957



49.7416, 0.3384, 0.3632



10.1867, 0.3189, 0.3140



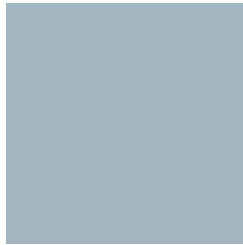
8.5684, 0.4301, 0.2143



0.3828, 0.3999, 0.1977

Previews

White Background



This preview shows how the Yxy color 44.8832, 0.2873, 0.3141 looks on a white background.

Color Contrast Check

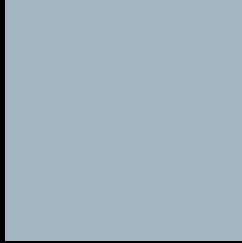
Large Text (above 18pt) WCAG AA × Fail

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 44.8832, 0.2873, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

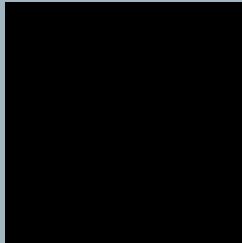
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

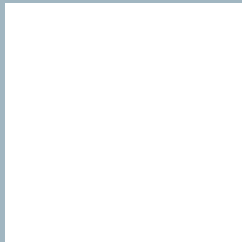
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8832, 0.2873, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 44.8832, 0.2873, 0.3141.



This preview shows how white text looks on a background with the Yxy color 44.8832, 0.2873, 0.3141.

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

44.8832, 0.2873, 0.3141

Protanopia

44.6270, 0.3032, 0.3120

Deuteranopia

44.5186, 0.3079, 0.3011



Tritanopia

45.1228, 0.2859, 0.3102

Trichromacy



Original Color

44.8832, 0.2873, 0.3141

Protanomaly

44.7724, 0.2975, 0.3131

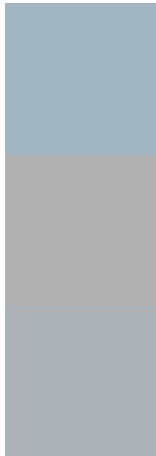
Deuteranomaly

44.4107, 0.3001, 0.3056

Tritanomaly

45.0774, 0.2867, 0.3115

Monochromacy



Original Color

44.8832, 0.2873, 0.3141

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3170, 0.3028, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8832, 0.2873, 0.3141 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(161, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(161, 182, 193)  
}
```

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(161, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 182, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.8832, 0.2873, 0.3141 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(161, 182, 193) }
```

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

```
.border{ border-color:rgb(161, 182, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(161, 182,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8832, 0.2873, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 182, 193) }
```

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

```
.background{ background-color: rgb(161,  
182, 193) }
```

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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