

Converting Colors

Yxy(44.7015, 0.2862, 0.3140)

Have a look what the booklet for
Yxy(44.7015, 0.2862, 0.3140)
contains.

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Color

Yxy(44.7797, 0.2865, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	A0B6C1
RGB	160, 182, 193
RGB Percent	63%, 71%, 76%
CMY	0.3727, 0.2862, 0.2431
CMYK	0.17, 0.06, 0.00, 0.24
HSL	200°, 21%, 69%
HSV	200°, 17%, 76%
XYZ	40.8449, 44.7797, 56.9405
YIQ	176.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

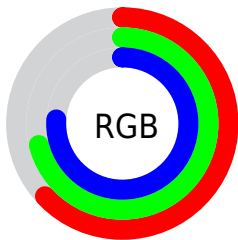
Format	Color
RYB	160, 173, 193
Decimal	10532545
CIELab	72.75, -5.21, -8.12
CIELCh	73, 9.651, 237.298
Yxy	44.7797, 0.2865, 0.3141
Android (android.graphics.Color)	4288722625 (0xFFA0B6C1)
YUV	176.6760, 8.0477, -14.6249
Hunter-Lab	66.9176, -8.1538, -3.6078

Details

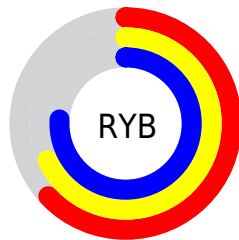
The Yxy color **44.7797, 0.2865, 0.3141** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9803, 0.3427, 0.3434**, and the grayscale version is **43.7490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4357, 0.2915, 0.3175**, and **20.7821, 0.2785, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **40.3761, 0.2712, 0.3042**, and if you desaturate by 10%, it is **49.6163, 0.3019, 0.3231**.

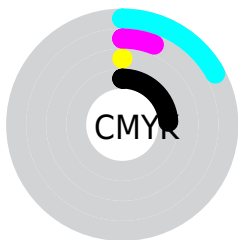
Distribution



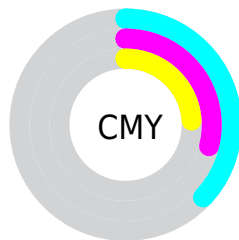
- Red (63%)
- Green (71%)
- Blue (76%)



- 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 44.7797, 0.2865, 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 44.7797, 0.2865, 0.3141 by changing the saturation by 10% instead.


 44.7797, 0.2865,
0.3141

 44.7797, 0.2865,
0.3141


365.8806, 0.2996,
0.3217

 31.2839, 0.2832,
0.3122


 82.3897, 0.2913,
0.3169

 20.8152, 0.2790,
0.3096


 107.2728, 0.2930,
0.3179

 12.9890, 0.2735,
0.3063


136.7204, 0.2946,
0.3188

 7.4209, 0.2657,
0.3014

171.1170, 0.2959,
0.3196

 3.7267, 0.2541,
0.2941

210.8469, 0.2970,
0.3202

 1.5219, 0.2352,
0.2815

256.2945, 0.2980,

 0.3041, 0.1185,

0.3208

0.2228

307.8443, 0.2988,
0.3213

0.0000, 0.0000,
0.0000

44.7797, 0.2865,
0.3141

44.7797, 0.2865,
0.3141

40.3761, 0.2712,
0.3042

49.6163, 0.3019,
0.3231

36.3840, 0.2564,
0.2935

54.8951, 0.3171,
0.3313

32.7884, 0.2423,
0.2820

60.6320, 0.3319,
0.3385

29.5710, 0.2293,
0.2700

66.8404, 0.3463,
0.3450

26.7115, 0.2179,
0.2575

73.2544, 0.3588,
0.3508

■ 24.1874, 0.2082,
0.2448

■ 76.5690, 0.3573,
0.3572

■ 21.9724, 0.2006,
0.2322

■ 80.0132, 0.3558,
0.3635

■ 20.0312, 0.1949,
0.2197

■ 83.5882, 0.3544,
0.3698

■ 19.5041, 0.1934,
0.2161

■ 87.2954, 0.3529,
0.3759

Harmonies

Analogous

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



44.7797, 0.2889, 0.3253



44.7797, 0.2865, 0.3141



44.7797, 0.2910, 0.3072

Triad

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



44.7797, 0.2865, 0.3141



44.7797, 0.3280, 0.3202



44.7797, 0.3239, 0.3529

Complementary

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



44.7797, 0.2865, 0.3141



42.9803, 0.3427, 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.



44.7797, 0.3347, 0.3509



44.7797, 0.2865, 0.3141



44.7797, 0.3372, 0.3319

Square

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



44.7797, 0.2865, 0.3141



44.7797, 0.3147, 0.3109



44.7797, 0.3397, 0.3431



44.7797, 0.3103, 0.3481

Rectangle

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



44.7797, 0.2865, 0.3141



44.7797, 0.2973, 0.3058



44.7797, 0.3397, 0.3431



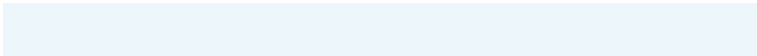
44.7797, 0.3280, 0.3530

Sweetspot

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



44.7815, 0.2865, 0.3141



90.7268, 0.3050, 0.3249



48.5272, 0.3030, 0.3599



19.3244, 0.3039, 0.3243



97.7402, 0.3127, 0.3290



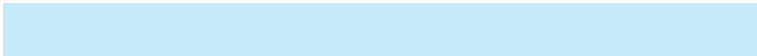
20.4902, 0.3127, 0.3290

Same Dimension

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



44.7815, 0.2865, 0.3141



76.7900, 0.2800, 0.3100



38.6000, 0.2854, 0.2918



10.8458, 0.2984, 0.3212



13.1246, 0.1938, 0.2177



0.6893, 0.2015, 0.2455

Inverse Universe

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



39.8444, 0.3245, 0.3006



66.2813, 0.3279, 0.2934



49.3898, 0.3393, 0.3636



10.1887, 0.3187, 0.3137



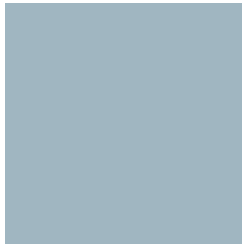
8.6072, 0.4257, 0.2119



0.3842, 0.3968, 0.1959

Previews

White Background



This preview shows how the Yxy color 44.7797, 0.2865, 0.3141 looks on a white background.

Color Contrast Check

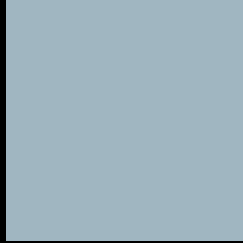
Large Text (above 18pt) WCAG AA × Fail

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 44.7797, 0.2865, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

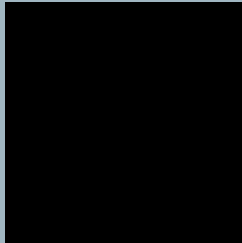
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

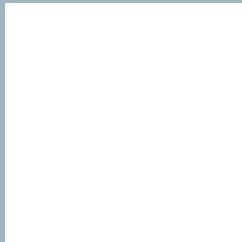
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7797, 0.2865, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 44.7797, 0.2865, 0.3141.



This preview shows how white text looks on a background with the Yxy color 44.7797, 0.2865, 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

44.7797, 0.2865, 0.3141

Protanopia

44.6270, 0.3032, 0.3120

Deuteranopia

44.5186, 0.3079, 0.3011



Tritanopia

45.0185, 0.2852, 0.3102

Trichromacy



Original Color

44.7797, 0.2865, 0.3141

Protanomaly

44.6597, 0.2966, 0.3131

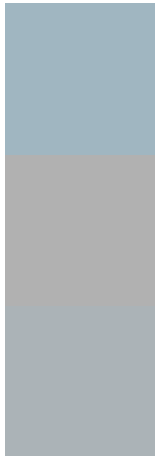
Deuteranomaly

44.4107, 0.3001, 0.3056

Tritanomaly

44.9731, 0.2859, 0.3115

Monochromacy



Original Color

44.7797, 0.2865, 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 44.7797, 0.2865, 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(160, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 182, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.7797, 0.2865, 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(160, 182, 193) }
```

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

```
.border{ border-color:rgb(160, 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(160, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(160, 182,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7797, 0.2865, 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(160, 182, 193) }
```

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

```
.background{ background-color: rgb(160,  
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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