

Converting Colors

$Yxy(47.9156, 0.2815, 0.3143)$

Have a look what the booklet for
Yxy(47.9156, 0.2815, 0.3143)
contains.

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Color

Yxy(47.9363, 0.2815, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	9FBDC8
RGB	159, 189, 200
RGB Percent	62%, 74%, 78%
CMY	0.3764, 0.2588, 0.2158
CMYK	0.20, 0.05, 0.00, 0.22
HSL	196°, 27%, 70%
HSV	196°, 20%, 78%
XYZ	42.9201, 47.9363, 61.6128
YIQ	181.2840, -21.4110, -2.9390

Conversions

Conversions Part 2

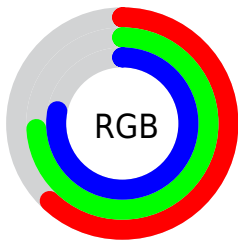
Format	Color
RYB	159, 176, 200
Decimal	10468808
CIELab	74.78, -7.71, -8.90
CIElCh	75, 11.778, 229.078
Yxy	47.9363, 0.2815, 0.3144
Android (android.graphics.Color)	4288658888 (0xFF9FBDC8)
YUV	181.2840, 9.2270, -19.5431
Hunter-Lab	69.2360, -10.5093, -4.2966

Details

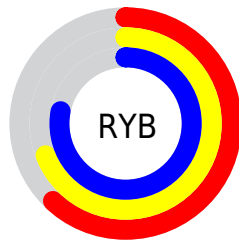
The Yxy color **47.9363, 0.2815, 0.3144** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5206, 0.3504, 0.3431**, and the grayscale version is **46.3295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8210, 0.2878, 0.3186**, and **22.8094, 0.2732, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **43.7954, 0.2667, 0.3063**, and if you desaturate by 10%, it is **52.4968, 0.2967, 0.3219**.

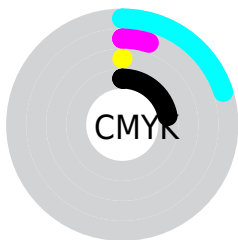
Distribution



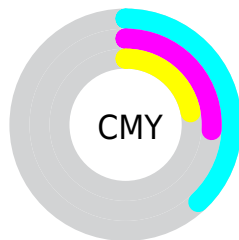
- Red (62%)
- Green (74%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9363, 0.2815, 0.3144 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 47.9363, 0.2815, 0.3144 by changing the saturation by 10% instead.

■ 47.9363, 0.2815,
0.3144

■ 47.9363, 0.2815,
0.3144

■ 378.5396, 0.2969,
0.3218

■ 33.7764, 0.2777,
0.3125

■ 87.1096, 0.2870,
0.3171

■ 22.7219, 0.2729,
0.3101

■ 112.8917, 0.2891,
0.3181

■ 14.3883, 0.2666,
0.3068

■ 143.3168, 0.2909,
0.3190

■ 8.3912, 0.2579,
0.3022

■ 178.7692, 0.2924,
0.3197

■ 4.3463, 0.2452,
0.2952

■ 219.6333, 0.2938,
0.3204

■ 1.8691, 0.2251,
0.2835

■ 266.2934, 0.2949,

■ 0.5297, 0.1527,

0.3209

0.2567

319.1341, 0.2960,
0.3214

0.0000, 0.0000,
0.0000

47.9363, 0.2815,
0.3144

47.9363, 0.2815,
0.3144

43.7954, 0.2667,
0.3063

52.4968, 0.2967,
0.3219

40.0515, 0.2526,
0.2975

57.4869, 0.3120,
0.3287

36.6885, 0.2396,
0.2882

62.9231, 0.3272,
0.3348

33.6866, 0.2280,
0.2786

68.8196, 0.3420,
0.3403

31.0238, 0.2181,
0.2686

74.4229, 0.3533,
0.3453

■ 28.6754, 0.2101,
0.2586

■ 77.2070, 0.3522,
0.3506

■ 26.6119, 0.2040,
0.2486

■ 80.0812, 0.3511,
0.3559

■ 24.8602, 0.1998,
0.2391

■ 83.0465, 0.3500,
0.3612

■ 86.1035, 0.3489,
0.3664

Harmonies

Analogous

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



47.9363, 0.2865, 0.3286



47.9363, 0.2815, 0.3144



47.9363, 0.2846, 0.3046

Triad

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



47.9363, 0.2815, 0.3144



47.9363, 0.3269, 0.3151



47.9363, 0.3301, 0.3577

Complementary

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



47.9363, 0.2815, 0.3144



43.5206, 0.3504, 0.3431

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.



47.9363, 0.3414, 0.3531



47.9363, 0.2815, 0.3144



47.9363, 0.3396, 0.3285

Square

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



47.9363, 0.2815, 0.3144



47.9363, 0.3105, 0.3054



47.9363, 0.3450, 0.3423



47.9363, 0.3143, 0.3543

Rectangle

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



47.9363, 0.2815, 0.3144



47.9363, 0.2909, 0.3017



47.9363, 0.3450, 0.3423



47.9363, 0.3346, 0.3571

Sweetspot

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



47.9383, 0.2815, 0.3144



94.6272, 0.3034, 0.3250



51.5657, 0.3025, 0.3697



20.1326, 0.3024, 0.3245



0.0000, 0.0000, 0.0000



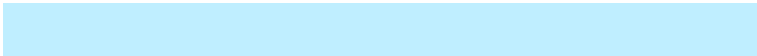
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9383, 0.2815, 0.3144



79.4391, 0.2742, 0.3105



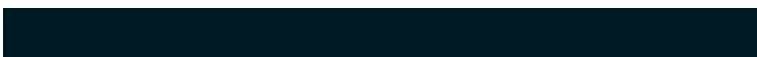
39.7584, 0.2797, 0.2864



11.5686, 0.2984, 0.3227



15.9668, 0.2002, 0.2405



0.8707, 0.2059, 0.2611

Inverse Universe

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



40.7514, 0.3248, 0.2916



64.7999, 0.3283, 0.2823



51.7841, 0.3455, 0.3683



10.7663, 0.3178, 0.3122



9.1518, 0.4018, 0.1987



0.4449, 0.3813, 0.1874

Previews

White Background



This preview shows how the Yxy color 47.9363, 0.2815, 0.3144 looks on a white background.

Color Contrast Check

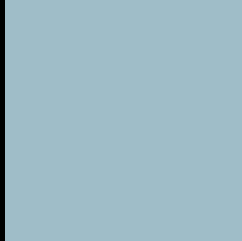
Large Text (above 18pt) WCAG AA × Fail

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 47.9363, 0.2815, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

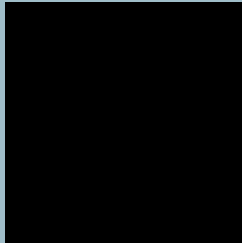
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

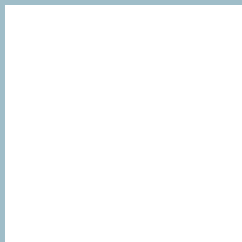
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9363, 0.2815, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 47.9363, 0.2815, 0.3144.

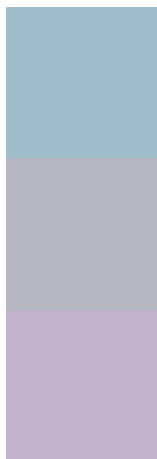


This preview shows how white text looks on a background with the Yxy color 47.9363, 0.2815, 0.3144.

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

47.9363, 0.2815, 0.3144

Protanopia

47.9198, 0.3027, 0.3124

Deuteranopia

47.8419, 0.3064, 0.3006



Tritanopia

47.7518, 0.2801, 0.3092

Trichromacy



Original Color

47.9363, 0.2815, 0.3144

Protanomaly

47.7278, 0.2947, 0.3134

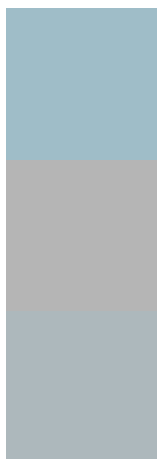
Deuteranomaly

47.9078, 0.2973, 0.3061

Tritanomaly

47.7043, 0.2808, 0.3105

Monochromacy



Original Color

47.9363, 0.2815, 0.3144

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.7961, 0.3006, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9363, 0.2815, 0.3144 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(159, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(159, 189, 200)  
}
```

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(159, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 189, 200) }
```

Border

The CSS property to change the border of an element to Yxy 47.9363, 0.2815, 0.3144 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(159, 189, 200) }
```

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

```
.border{ border-color:rgb(159, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(159, 189,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9363, 0.2815, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 189, 200) }
```

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

```
.background{ background-color: rgb(159,  
189, 200) }
```

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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