

Converting Colors

$Yxy(43.4613, 0.2825, 0.3111)$

Have a look what the booklet for
Yxy(43.4613, 0.2825, 0.3111)
contains.

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Color

Yxy(43.4613, 0.2825, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	9BB4C1
RGB	155, 180, 193
RGB Percent	61%, 71%, 76%
CMY	0.3922, 0.2941, 0.2430
CMYK	0.20, 0.07, 0.00, 0.24
HSL	201°, 23%, 68%
HSV	201°, 20%, 76%
XYZ	39.4658, 43.4613, 56.7749
YIQ	174.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

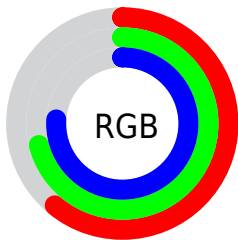
Format	Color
R_{YB}	155, 170, 193
Decimal	10204353
CIE _{Lab}	71.87, -5.72, -9.48
CIE _{LCh}	72, 11.072, 238.908
Yxy	43.4613, 0.2825, 0.3111
Android (android.graphics.Color)	4288394433 (0xFF9BB4C1)
YUV	174.0070, 9.3635, -16.6691
Hunter-Lab	65.9252, -8.5108, -4.9130

Details

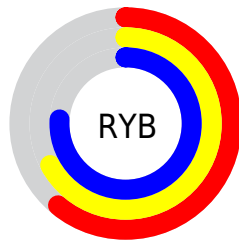
The Yxy color **43.4613, 0.2825, 0.3111** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7197, 0.3479, 0.3462**, and the grayscale version is **42.2907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5321, 0.2884, 0.3152**, and **19.9558, 0.2732, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **39.0978, 0.2673, 0.3007**, and if you desaturate by 10%, it is **48.2609, 0.2979, 0.3206**.

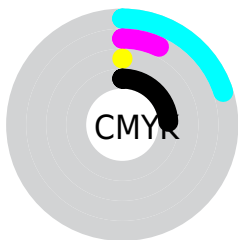
Distribution



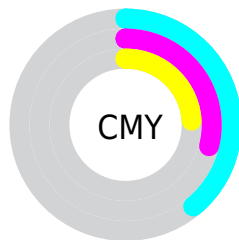
- Red (61%)
- Green (71%)
- Blue (76%)



- Red (61%)
- Yellow (67%)
- Blue (76%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4613, 0.2825, 0.3111 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 43.4613, 0.2825, 0.3111 by changing the saturation by 10% instead.

■ 43.4613, 0.2825,
0.3111

■ 43.4613, 0.2825,
0.3111

360.5054, 0.2976,
0.3203

■ 30.2472, 0.2787,
0.3087

■ 80.4065, 0.2880,
0.3145

■ 20.0263, 0.2738,
0.3057

■ 104.9064, 0.2901,
0.3157

■ 12.4142, 0.2673,
0.3015

133.9371, 0.2918,
0.3168

■ 7.0264, 0.2583,
0.2956

167.8829, 0.2933,
0.3177

■ 3.4786, 0.2447,
0.2866

207.1283, 0.2946,
0.3185

■ 1.3864, 0.2225,
0.2710

252.0575, 0.2958,

■ 0.2067, 0.0494,

0.3191

0.1795

303.0551, 0.2968,
0.3197

0.0000, 0.0000,
0.0000

43.4613, 0.2825,
0.3111

43.4613, 0.2825,
0.3111

39.0978, 0.2673,
0.3007

48.2609, 0.2979,
0.3206

35.1489, 0.2525,
0.2894

53.5065, 0.3132,
0.3292

31.5989, 0.2385,
0.2774

59.2143, 0.3281,
0.3370

28.4289, 0.2258,
0.2648

65.3980, 0.3425,
0.3438

25.6179, 0.2146,
0.2519

72.0705, 0.3564,
0.3499

■ 23.1424, 0.2053,
0.2388

■ 76.1211, 0.3575,
0.3563

■ 20.9749, 0.1980,
0.2257

■ 79.6528, 0.3560,
0.3629

■ 19.0652, 0.1925,
0.2129

■ 83.3232, 0.3544,
0.3693

■ 19.0105, 0.1924,
0.2125

■ 87.1338, 0.3530,
0.3756

Harmonies

Analogous

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



43.4613, 0.2848, 0.3239



43.4613, 0.2825, 0.3111



43.4613, 0.2880, 0.3036

Triad

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



43.4613, 0.2825, 0.3111



43.4613, 0.3311, 0.3195



43.4613, 0.3248, 0.3567

Complementary

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



43.4613, 0.2825, 0.3111



41.7197, 0.3479, 0.3462

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.



43.4613, 0.3377, 0.3547



43.4613, 0.2825, 0.3111



43.4613, 0.3415, 0.3330

Square

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



43.4613, 0.2825, 0.3111



43.4613, 0.3159, 0.3086



43.4613, 0.3439, 0.3459



43.4613, 0.3090, 0.3508

Rectangle

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



43.4613, 0.2825, 0.3111



43.4613, 0.2955, 0.3023



43.4613, 0.3439, 0.3459



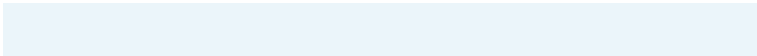
43.4613, 0.3297, 0.3569

Sweetspot

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



43.4631, 0.2825, 0.3111



89.7049, 0.3034, 0.3238



47.9343, 0.3011, 0.3642



19.1143, 0.3024, 0.3233



97.7402, 0.3127, 0.3290



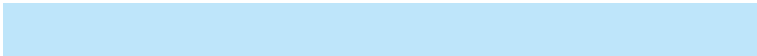
20.4902, 0.3127, 0.3290

Same Dimension

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



43.4631, 0.2825, 0.3111



74.0720, 0.2753, 0.3063



36.4265, 0.2809, 0.2846



10.8288, 0.2984, 0.3209



12.7940, 0.1928, 0.2142



0.6768, 0.2008, 0.2428

Inverse Universe

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



38.0777, 0.3269, 0.2967



62.7769, 0.3310, 0.2887



49.1152, 0.3435, 0.3698



10.1870, 0.3189, 0.3140



8.5738, 0.4295, 0.2140



0.3830, 0.3995, 0.1974

Previews

White Background



This preview shows how the Yxy color 43.4613, 0.2825, 0.3111 looks on a white background.

Color Contrast Check

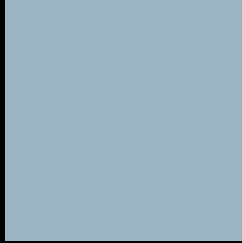
Large Text (above 18pt) WCAG AA × Fail

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 43.4613, 0.2825, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

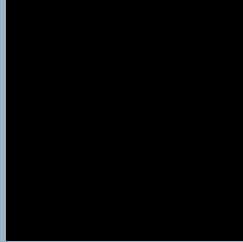
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

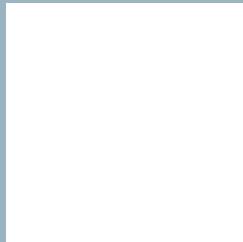
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4613, 0.2825, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 43.4613, 0.2825, 0.3111.

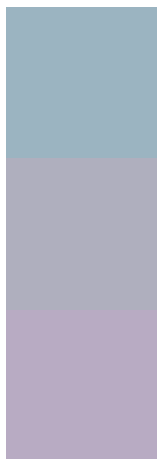


This preview shows how white text looks on a background with the Yxy color 43.4613, 0.2825, 0.3111.

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

43.4613, 0.2825, 0.3111

Protanopia

43.4916, 0.3007, 0.3092

Deuteranopia

43.2563, 0.3045, 0.2981



Tritanopia

43.5061, 0.2818, 0.3098

Trichromacy



Original Color

43.4613, 0.2825, 0.3111

Protanomaly

43.5307, 0.2941, 0.3102

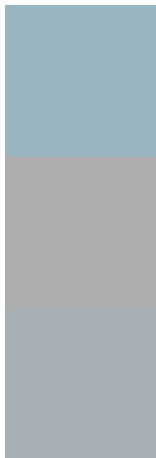
Deuteranomaly

43.0514, 0.2959, 0.3026

Tritanomaly

43.5061, 0.2818, 0.3098

Monochromacy



Original Color

43.4613, 0.2825, 0.3111

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6024, 0.3010, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4613, 0.2825, 0.3111 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(155, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(155, 180, 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(155, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 180, 193) }
```

Border

The CSS property to change the border of an element to Yxy 43.4613, 0.2825, 0.3111 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(155, 180, 193) }
```

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

```
.border{ border-color:rgb(155, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(155, 180,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4613, 0.2825, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 180, 193) }
```

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

```
.background{ background-color: rgb(155,  
180, 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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