

Converting Colors

$Y_{xy}(43.2642, 0.2985, 0.3142)$

Have a look what the booklet for
Yxy(43.2642, 0.2985, 0.3142)
contains.

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Color

Yxy(43.1846, 0.2988, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	AAB0BB
RGB	170, 176, 187
RGB Percent	67%, 69%, 73%
CMY	0.3335, 0.3098, 0.2666
CMYK	0.09, 0.06, 0.00, 0.27
HSL	219°, 11%, 70%
HSV	219°, 9%, 73%
XYZ	41.0680, 43.1846, 53.1905
YIQ	175.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

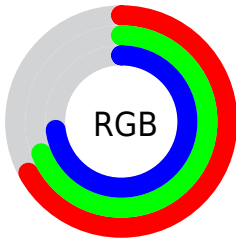
Format	Color
R_{YB}	170, 174, 187
Decimal	11186363
CIE _{Lab}	71.68, 0.07, -6.34
CIE _{LCh}	72, 6.343, 270.618
Yxy	43.1846, 0.2988, 0.3142
Android (android.graphics.Color)	4289376443 (0xFFAAB0BB)
YUV	175.4600, 5.6892, -4.7884
Hunter-Lab	65.7150, -3.4493, -1.9895

Details

The Yxy color **43.1846, 0.2988, 0.3142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5014, 0.3269, 0.3434**, and the grayscale version is **43.0920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1918, 0.3013, 0.3175**, and **19.9881, 0.2948, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **36.7242, 0.2826, 0.2961**, and if you desaturate by 10%, it is **50.3659, 0.3140, 0.3304**.

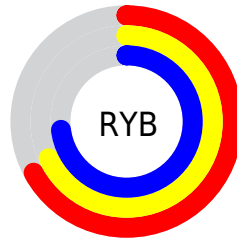
Distribution



Red (67%)

Green (69%)

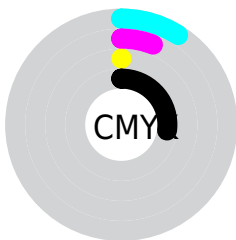
Blue (73%)



Red (67%)

Yellow (68%)

Blue (73%)

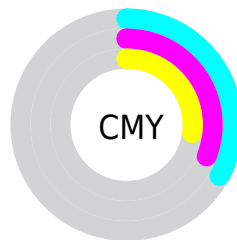


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1846, 0.2988, 0.3142 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 43.1846, 0.2988, 0.3142 by changing the saturation by 10% instead.

■ 43.1846, 0.2988,
0.3142

■ 43.1846, 0.2988,
0.3142

359.3704, 0.3058,
0.3217

■ 30.0300, 0.2970,
0.3123

■ 79.9894, 0.3014,
0.3169

■ 19.8613, 0.2947,
0.3099

104.4083, 0.3023,
0.3180

■ 12.2943, 0.2916,
0.3066

133.3508, 0.3031,
0.3188

■ 6.9444, 0.2872,
0.3019

167.2012, 0.3038,
0.3196

■ 3.4274, 0.2806,
0.2949

206.3440, 0.3044,
0.3202

■ 1.3587, 0.2693,
0.2829

251.1635, 0.3050,

■ 0.1860, 0.1766,

0.3208

0.1841

302.0442, 0.3054,
0.3213

0.0000, 0.0000,
0.0000

43.1846, 0.2988,
0.3142

43.1846, 0.2988,
0.3142

36.7242, 0.2826,
0.2961

50.3659, 0.3140,
0.3304

30.9559, 0.2655,
0.2760

58.2848, 0.3281,
0.3446

25.8567, 0.2480,
0.2540

66.9643, 0.3411,
0.3572

21.4005, 0.2305,
0.2306

76.4249, 0.3530,
0.3681

17.5590, 0.2136,
0.2061

85.0433, 0.3576,
0.3787

■ 14.3017, 0.1979,
0.1813

■ 92.2431, 0.3547,
0.3899

■ 11.5948, 0.1844,
0.1573

■ 96.3683, 0.3532,
0.3959

■ 9.4004, 0.1736,
0.1349

■ 7.6609, 0.1655,
0.1150

Harmonies

Analogous

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



43.1846, 0.2953, 0.3185



43.1846, 0.2988, 0.3142



43.1846, 0.3060, 0.3139

Triad

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



43.1846, 0.2988, 0.3142



43.1846, 0.3293, 0.3319



43.1846, 0.3101, 0.3410

Complementary

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



43.1846, 0.2988, 0.3142



46.5014, 0.3269, 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.



43.1846, 0.3193, 0.3447



43.1846, 0.2988, 0.3142



43.1846, 0.3305, 0.3392

Square

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



43.1846, 0.2988, 0.3142



43.1846, 0.3237, 0.3240



43.1846, 0.3267, 0.3439



43.1846, 0.3018, 0.3340

Rectangle

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



43.1846, 0.2988, 0.3142



43.1846, 0.3120, 0.3159



43.1846, 0.3267, 0.3439



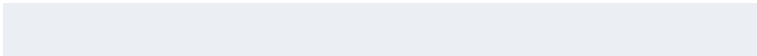
43.1846, 0.3132, 0.3427

Sweetspot

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



43.1864, 0.2988, 0.3142



84.9783, 0.3082, 0.3242



47.4144, 0.3035, 0.3373



18.4830, 0.3069, 0.3229



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.1864, 0.2988, 0.3142



74.8438, 0.2955, 0.3106



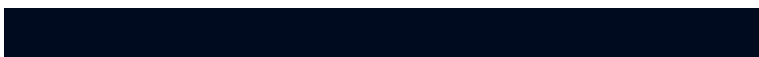
41.1235, 0.3007, 0.3061



9.7642, 0.2984, 0.3138



5.3077, 0.1655, 0.1156



0.3328, 0.1794, 0.1658

Inverse Universe

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



42.4386, 0.3231, 0.3211



73.2690, 0.3257, 0.3193



48.7284, 0.3241, 0.3512



9.5908, 0.3234, 0.3209



7.5655, 0.5529, 0.2820



0.3090, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 43.1846, 0.2988, 0.3142 looks on a white background.

Color Contrast Check

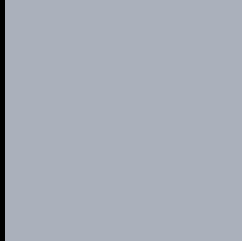
Large Text (above 18pt) WCAG AA × Fail

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 43.1846, 0.2988, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

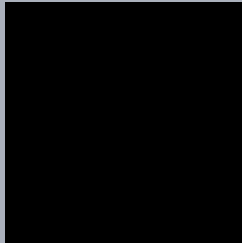
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

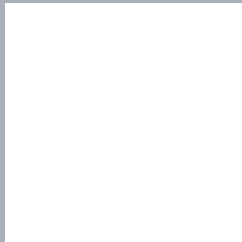
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1846, 0.2988, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 43.1846, 0.2988, 0.3142.

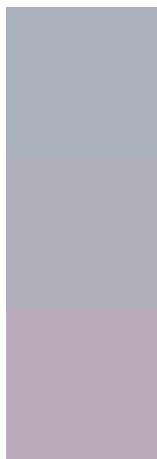


This preview shows how white text looks on a background with the Yxy color 43.1846, 0.2988, 0.3142.

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

43.1846, 0.2988, 0.3142

Protanopia

43.0474, 0.3047, 0.3131

Deuteranopia

42.9451, 0.3129, 0.3058



Tritanopia

43.3144, 0.2965, 0.3103

Trichromacy



Original Color

43.1846, 0.2988, 0.3142

Protanomaly

43.2038, 0.3030, 0.3143

Deuteranomaly

42.9596, 0.3075, 0.3081

Tritanomaly

43.2708, 0.2973, 0.3116

Monochromacy



Original Color

43.1846, 0.2988, 0.3142

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7989, 0.3077, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1846, 0.2988, 0.3142 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(170, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 187)  
}
```

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(170, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.1846, 0.2988, 0.3142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

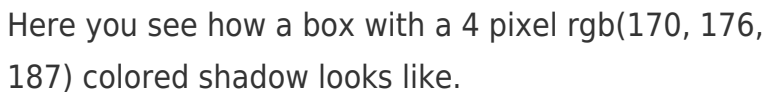
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 176, 187) }
```

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

```
.border{ border-color:rgb(170, 176, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 176, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 176, 187); box-shadow:4px 4px 4px 4px rgb(170, 176, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1846, 0.2988, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 187) }
```

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

```
.background{ background-color: rgb(170,  
176, 187) }
```

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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