

Converting Colors

$Yxy(43.1813, 0.2981, 0.2967)$

Have a look what the booklet for
Yxy(43.1813, 0.2981, 0.2967)
contains.

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Color

Yxy(43.1200, 0.2986, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	B3ACC5
RGB	179, 172, 197
RGB Percent	70%, 67%, 77%
CMY	0.2982, 0.3254, 0.2275
CMYK	0.09, 0.13, 0.00, 0.23
HSL	257°, 18%, 72%
HSV	257°, 13%, 77%
XYZ	43.4108, 43.1200, 58.8502
YIQ	176.9430, -3.8530, 9.2590

Conversions

Conversions Part 2

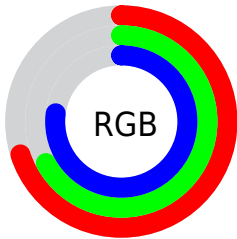
Format	Color
R _Y B	179, 172, 197
Decimal	11775173
CIE Lab	71.64, 7.31, -11.82
CIE LCh	72, 13.897, 301.749
Yxy	43.1200, 0.2986, 0.2966
Android (android.graphics.Color)	4289965253 (0xFFB3ACC5)
YUV	176.9430, 9.8881, 1.8040
Hunter-Lab	65.6658, 3.0887, -7.1701

Details

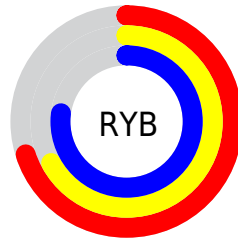
The Yxy color **43.1200, 0.2986, 0.2966** is a light color, and the websafe version is hex **999999**. A complement of this color would be **53.8613, 0.3257, 0.3605**, and the grayscale version is **43.8810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7561, 0.3012, 0.3017**, and **19.8517, 0.2944, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **34.5612, 0.2856, 0.2681**, and if you desaturate by 10%, it is **52.9689, 0.3100, 0.3225**.

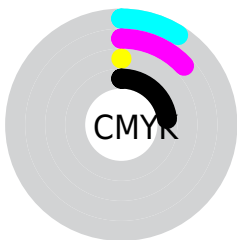
Distribution



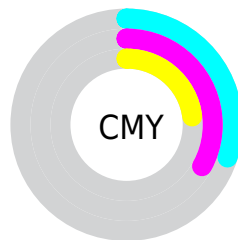
- Red (70%)
- Green (67%)
- Blue (77%)



- Red (70%)
- Yellow (67%)
- Blue (77%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1200, 0.2986, 0.2966 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 43.1200, 0.2986, 0.2966 by changing the saturation by 10% instead.

■ 43.1200, 0.2986,
0.2966

■ 43.1200, 0.2986,
0.2966

359.1050, 0.3058,
0.3127

■ 29.9793, 0.2967,
0.2926

■ 79.8919, 0.3013,
0.3024

■ 19.8229, 0.2943,
0.2875

104.2919, 0.3023,
0.3046

■ 12.2663, 0.2911,
0.2807

133.2138, 0.3031,
0.3065

■ 6.9253, 0.2865,
0.2713

167.0419, 0.3038,
0.3081

■ 3.4155, 0.2794,
0.2575

206.1607, 0.3044,
0.3095

■ 1.3523, 0.2672,
0.2351

250.9546, 0.3049,

■ 0.1812, 0.2253,

0.3107

0.1164

301.8079, 0.3054,
0.3118

0.0000, 0.0000,
0.0000

43.1200, 0.2986,
0.2966

43.1200, 0.2986,
0.2966

34.5612, 0.2856,
0.2681

52.9689, 0.3100,
0.3225

27.2331, 0.2709,
0.2373

64.1533, 0.3197,
0.3457

21.0796, 0.2547,
0.2051

76.7230, 0.3280,
0.3663

16.0381, 0.2374,
0.1728

90.7235, 0.3351,
0.3845

12.0401, 0.2198,
0.1419

95.8958, 0.3439,
0.3866

■ 9.0092, 0.2028,
0.1145

■ 96.8107, 0.3472,
0.3860

■ 6.8581, 0.1875,
0.0925

■ 5.4832, 0.1747,
0.0771

■ 4.8332, 0.1671,
0.0694

Harmonies

Analogous

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



43.1200, 0.2829, 0.2966



43.1200, 0.2986, 0.2966



43.1200, 0.3186, 0.3046

Triad

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



43.1200, 0.2986, 0.2966



43.1200, 0.3517, 0.3514



43.1200, 0.2882, 0.3393

Complementary

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



43.1200, 0.2986, 0.2966



53.8613, 0.3257, 0.3605

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.



43.1200, 0.3060, 0.3554



43.1200, 0.2986, 0.2966



43.1200, 0.3429, 0.3620

Square

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



43.1200, 0.2986, 0.2966



43.1200, 0.3497, 0.3355



43.1200, 0.3260, 0.3637



43.1200, 0.2770, 0.3206

Rectangle

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



43.1200, 0.2986, 0.2966



43.1200, 0.3316, 0.3134



43.1200, 0.3260, 0.3637



43.1200, 0.2936, 0.3452

Sweetspot

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



43.1218, 0.2986, 0.2966



92.2928, 0.3085, 0.3191



49.7739, 0.2934, 0.3203



19.4537, 0.3077, 0.3172



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.



43.1218, 0.2986, 0.2966



73.1069, 0.2954, 0.2895



44.6416, 0.3091, 0.2976



10.4275, 0.3025, 0.3054



3.2158, 0.1683, 0.0701



0.1895, 0.1915, 0.0829

Inverse Universe

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



45.1025, 0.3199, 0.3065



77.3121, 0.3216, 0.3018



52.3532, 0.3158, 0.3615



10.7645, 0.3179, 0.3125



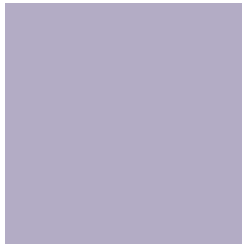
9.1137, 0.4053, 0.2006



0.4434, 0.3839, 0.1888

Previews

White Background



This preview shows how the Yxy color 43.1200, 0.2986, 0.2966 looks on a white background.

Color Contrast Check

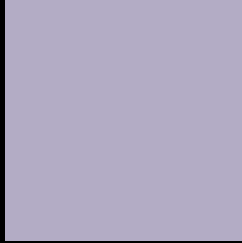
Large Text (above 18pt) WCAG AA × Fail

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 43.1200, 0.2986, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

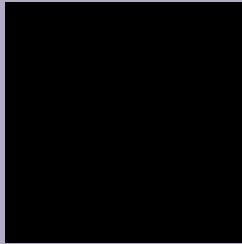
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

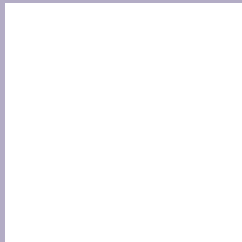
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1200, 0.2986, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 43.1200, 0.2986, 0.2966.



This preview shows how white text looks on a background with the Yxy color 43.1200, 0.2986, 0.2966.

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

43.1200, 0.2986, 0.2966

Protanopia

43.1200, 0.2921, 0.2974

Deuteranopia

43.1021, 0.3012, 0.2955



Tritanopia

43.2071, 0.3048, 0.3118

Trichromacy



Original Color

43.1200, 0.2986, 0.2966

Protanomaly

43.0783, 0.2945, 0.2963

Deuteranomaly

42.9808, 0.3003, 0.2954

Tritanomaly

43.1137, 0.3025, 0.3054

Monochromacy



Original Color

43.1200, 0.2986, 0.2966

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5856, 0.3080, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1200, 0.2986, 0.2966 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(179, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 197)  
}
```

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(179, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 197) }
```

Border

The CSS property to change the border of an element to Yxy 43.1200, 0.2986, 0.2966 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(179, 172, 197) }
```

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

```
.border{ border-color:rgb(179, 172, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1200, 0.2986, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 197) }
```

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

```
.background{ background-color: rgb(179,  
172, 197) }
```

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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