

Converting Colors

$Y_{xy}(43.3282, 0.3002, 0.3132)$

Have a look what the booklet for
Yxy(43.3282, 0.3002, 0.3132)
contains.

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Color

Yxy(43.4522, 0.2997, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	ACB0BC
RGB	172, 176, 188
RGB Percent	67%, 69%, 74%
CMY	0.3257, 0.3097, 0.2628
CMYK	0.09, 0.06, 0.00, 0.26
HSL	225°, 11%, 71%
HSV	225°, 9%, 74%
XYZ	41.6058, 43.4522, 53.7669
YIQ	176.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

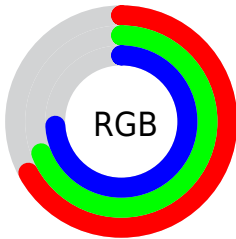
Format	Color
R_{YB}	172, 175, 188
Decimal	11317436
CIE _{Lab}	71.86, 0.93, -6.60
CIE _{LCh}	72, 6.663, 278.045
Yxy	43.4522, 0.2997, 0.3130
Android (android.graphics.Color)	4289507516 (0xFFACB0BC)
YUV	176.1720, 5.8312, -3.6588
Hunter-Lab	65.9183, -2.6926, -2.2177

Details

The Yxy color $43.4522, 0.2997, 0.3130$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.9135, 0.3257, 0.3445$, and the grayscale version is $43.4787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5758, 0.3020, 0.3166$, and $20.1576, 0.2961, 0.3088$ is the 20% darker color. If you saturate the color by 10%, you get $36.2567, 0.2832, 0.2921$, and if you desaturate by 10%, it is $51.5205, 0.3148, 0.3316$.

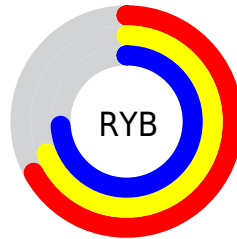
Distribution



Red (67%)

Green (69%)

Blue (74%)



Red (67%)

Yellow (69%)

Blue (74%)

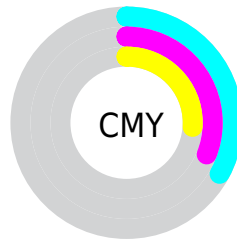


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4522, 0.2997, 0.3130 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 43.4522, 0.2997, 0.3130 by changing the saturation by 10% instead.

■ 43.4522, 0.2997,
0.3130

■ 43.4522, 0.2997,
0.3130

360.4681, 0.3063,
0.3211

■ 30.2401, 0.2980,
0.3110

■ 80.3928, 0.3021,
0.3159

■ 20.0209, 0.2959,
0.3083

104.8901, 0.3030,
0.3171

■ 12.4102, 0.2930,
0.3048

133.9179, 0.3038,
0.3180

■ 7.0237, 0.2889,
0.2999

167.8605, 0.3044,
0.3188

■ 3.4769, 0.2827,
0.2924

207.1025, 0.3050,
0.3195

■ 1.3855, 0.2721,
0.2797

252.0282, 0.3055,

■ 0.2060, 0.1969,

0.3201

0.1856

303.0219, 0.3059,
0.3206

0.0000, 0.0000,
0.0000

43.4522, 0.2997,
0.3130

43.4522, 0.2997,
0.3130

36.2567, 0.2832,
0.2921

51.5205, 0.3148,
0.3316

29.8987, 0.2656,
0.2688

60.4842, 0.3286,
0.3479

24.3486, 0.2472,
0.2434

70.3723, 0.3411,
0.3622

19.5729, 0.2285,
0.2162

81.2104, 0.3523,
0.3746

15.5356, 0.2103,
0.1882

90.8888, 0.3546,
0.3869

■ 12.1977, 0.1933,
0.1604

■ 96.4106, 0.3526,
0.3949

■ 9.5165, 0.1787,
0.1342

■ 7.4434, 0.1673,
0.1110

■ 5.9127, 0.1592,
0.0919

Harmonies

Analogous

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



43.4522, 0.2949, 0.3165



43.4522, 0.2997, 0.3130



43.4522, 0.3080, 0.3137

Triad

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



43.4522, 0.2997, 0.3130



43.4522, 0.3309, 0.3341



43.4522, 0.3076, 0.3401

Complementary

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



43.4522, 0.2997, 0.3130



47.9135, 0.3257, 0.3445

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.



43.4522, 0.3173, 0.3449



43.4522, 0.2997, 0.3130



43.4522, 0.3308, 0.3413

Square

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



43.4522, 0.2997, 0.3130



43.4522, 0.3261, 0.3257



43.4522, 0.3258, 0.3453



43.4522, 0.2995, 0.3321

Rectangle

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



43.4522, 0.2997, 0.3130



43.4522, 0.3144, 0.3164



43.4522, 0.3258, 0.3453



43.4522, 0.3108, 0.3421

Sweetspot

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



43.4540, 0.2997, 0.3130



86.5849, 0.3082, 0.3235



48.1768, 0.3029, 0.3346



18.3656, 0.3070, 0.3220



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.



43.4540, 0.2997, 0.3130



76.5318, 0.2971, 0.3098



42.3086, 0.3029, 0.3077



9.6087, 0.2984, 0.3114



4.0003, 0.1587, 0.0914



0.2656, 0.1723, 0.1401

Inverse Universe

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



43.3101, 0.3238, 0.3237



76.2516, 0.3261, 0.3227



49.1612, 0.3220, 0.3499



9.5751, 0.3249, 0.3232



7.4335, 0.5889, 0.3018



0.3022, 0.5189, 0.2632

Previews

White Background



This preview shows how the Yxy color 43.4522, 0.2997, 0.3130 looks on a white background.

Color Contrast Check

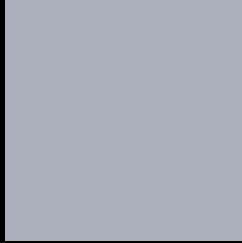
Large Text (above 18pt) WCAG AA × Fail

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 43.4522, 0.2997, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

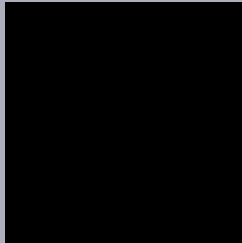
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

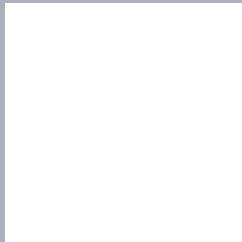
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4522, 0.2997, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 43.4522, 0.2997, 0.3130.

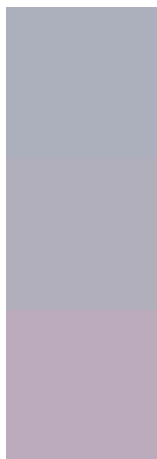


This preview shows how white text looks on a background with the Yxy color 43.4522, 0.2997, 0.3130.

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

43.4522, 0.2997, 0.3130

Protanopia

43.4779, 0.3039, 0.3131

Deuteranopia

43.3647, 0.3120, 0.3058



Tritanopia

43.5390, 0.2982, 0.3104

Trichromacy



Original Color

43.4522, 0.2997, 0.3130

Protanomaly

43.3618, 0.3031, 0.3131

Deuteranomaly

43.5063, 0.3076, 0.3082

Tritanomaly

43.4954, 0.2990, 0.3117

Monochromacy



Original Color

43.4522, 0.2997, 0.3130

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4599, 0.3086, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4522, 0.2997, 0.3130 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(172, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(172, 176, 188)  
}
```

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(172, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 176, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.4522, 0.2997, 0.3130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

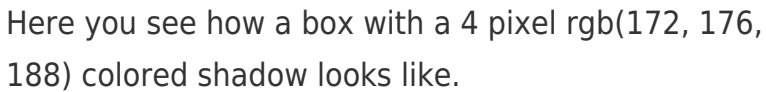
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 176, 188) }
```

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

```
.border{ border-color:rgb(172, 176, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 176, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 176, 188); box-shadow:4px 4px 4px 4px rgb(172, 176, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4522, 0.2997, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 176, 188) }
```

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

```
.background{ background-color: rgb(172,  
176, 188) }
```

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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