

Converting Colors

$Yxy(44.0122, 0.2986, 0.3169)$

Have a look what the booklet for
Yxy(44.0122, 0.2986, 0.3169)
contains.

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Color

Yxy(43.9747, 0.2988, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	AAB2BB
RGB	170, 178, 187
RGB Percent	67%, 70%, 73%
CMY	0.3335, 0.3019, 0.2666
CMYK	0.09, 0.05, 0.00, 0.27
HSL	212°, 11%, 70%
HSV	212°, 9%, 73%
XYZ	41.4630, 43.9747, 53.3275
YIQ	176.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

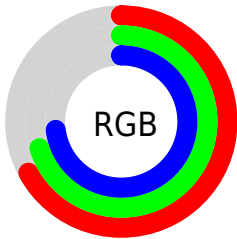
Format	Color
RYB	170, 175, 187
Decimal	11186875
CIELab	72.21, -1.01, -5.56
CIELCh	72, 5.653, 259.664
Yxy	43.9747, 0.2988, 0.3169
Android (android.graphics.Color)	4289376955 (0xFFAAB2BB)
YUV	176.6340, 5.1104, -5.8180
Hunter-Lab	66.3134, -4.4398, -1.2600

Details

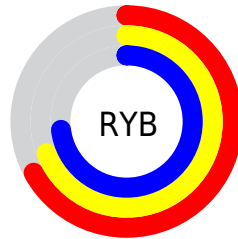
The Yxy color $43.9747, 0.2988, 0.3169$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.6968, 0.3272, 0.3408$, and the grayscale version is $43.7389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3243, 0.3013, 0.3196$, and $20.2400, 0.2949, 0.3123$ is the 20% darker color. If you saturate the color by 10%, you get $38.2488, 0.2829, 0.3022$, and if you desaturate by 10%, it is $50.2838, 0.3140, 0.3301$.

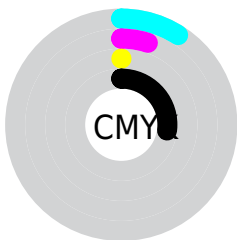
Distribution



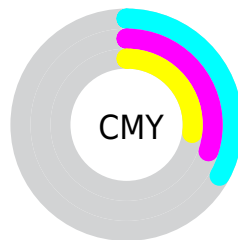
- Red (67%)
- Green (70%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9747, 0.2988, 0.3169 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 43.9747, 0.2988, 0.3169 by changing the saturation by 10% instead.

■ 43.9747, 0.2988,
0.3169

■ 43.9747, 0.2988,
0.3169

362.6050, 0.3058,
0.3230

■ 30.6506, 0.2970,
0.3153

■ 81.1797, 0.3014,
0.3191

■ 20.3330, 0.2948,
0.3133

105.8294, 0.3023,
0.3200

■ 12.6373, 0.2917,
0.3107

135.0230, 0.3031,
0.3207

■ 7.1793, 0.2874,
0.3068

169.1451, 0.3038,
0.3213

■ 3.5745, 0.2809,
0.3011

208.5799, 0.3044,
0.3218

■ 1.4385, 0.2700,
0.2912

253.7119, 0.3049,

■ 0.2448, 0.1877,

0.3223

0.2209

304.9255, 0.3054,
0.3227

0.0000, 0.0000,
0.0000

43.9747, 0.2988,
0.3169

43.9747, 0.2988,
0.3169

38.2488, 0.2829,
0.3022

50.2838, 0.3140,
0.3301

33.0821, 0.2666,
0.2859

57.1880, 0.3284,
0.3418

28.4571, 0.2501,
0.2682

64.7057, 0.3419,
0.3522

24.3531, 0.2340,
0.2492

72.8530, 0.3545,
0.3613

20.7476, 0.2186,
0.2292

80.0025, 0.3599,
0.3701

■ 17.6165, 0.2046,
0.2087

■ 85.5735, 0.3574,
0.3796

■ 14.9327, 0.1925,
0.1883

■ 91.4596, 0.3550,
0.3888

■ 12.6655, 0.1827,
0.1686

■ 96.3688, 0.3532,
0.3959

■ 10.7654, 0.1752,
0.1500

Harmonies

Analogous

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



43.9747, 0.2971, 0.3218



43.9747, 0.2988, 0.3169



43.9747, 0.3042, 0.3153

Triad

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



43.9747, 0.2988, 0.3169



43.9747, 0.3260, 0.3290



43.9747, 0.3134, 0.3412

Complementary

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



43.9747, 0.2988, 0.3169



45.6968, 0.3272, 0.3408

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.



43.9747, 0.3212, 0.3431



43.9747, 0.2988, 0.3169



43.9747, 0.3286, 0.3359

Square

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



43.9747, 0.2988, 0.3169



43.9747, 0.3199, 0.3222



43.9747, 0.3268, 0.3411



43.9747, 0.3055, 0.3360

Rectangle

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



43.9747, 0.2988, 0.3169



43.9747, 0.3092, 0.3162



43.9747, 0.3268, 0.3411



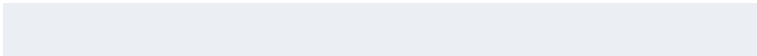
43.9747, 0.3161, 0.3423

Sweetspot

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



43.9766, 0.2988, 0.3169



85.4744, 0.3081, 0.3251



47.3371, 0.3050, 0.3400



18.6204, 0.3069, 0.3240



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.



43.9766, 0.2988, 0.3169



76.5491, 0.2956, 0.3140



40.8978, 0.2990, 0.3059



9.9479, 0.2984, 0.3166



7.4516, 0.1752, 0.1506



0.4229, 0.1878, 0.1960

Inverse Universe

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



42.5177, 0.3214, 0.3185



73.4411, 0.3236, 0.3161



48.9821, 0.3258, 0.3511



9.6093, 0.3216, 0.3182



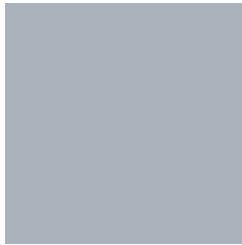
7.7819, 0.5052, 0.2557



0.3181, 0.4498, 0.2251

Previews

White Background



This preview shows how the Yxy color 43.9747, 0.2988, 0.3169 looks on a white background.

Color Contrast Check

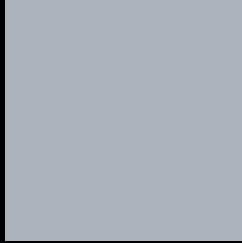
Large Text (above 18pt) WCAG AA × Fail

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 43.9747, 0.2988, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

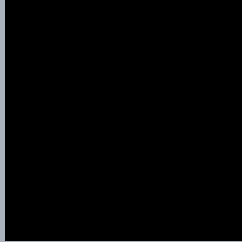
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

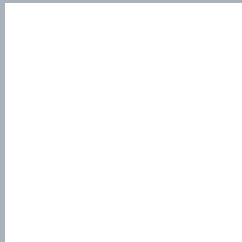
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9747, 0.2988, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 43.9747, 0.2988, 0.3169.



This preview shows how white text looks on a background with the Yxy color 43.9747, 0.2988, 0.3169.

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

43.9747, 0.2988, 0.3169

Protanopia

43.9430, 0.3056, 0.3158

Deuteranopia

43.9547, 0.3146, 0.3085



Tritanopia

43.8638, 0.2966, 0.3104

Trichromacy



Original Color

43.9747, 0.2988, 0.3169

Protanomaly

43.9881, 0.3030, 0.3170

Deuteranomaly

43.8480, 0.3083, 0.3108

Tritanomaly

43.8199, 0.2974, 0.3117

Monochromacy



Original Color

43.9747, 0.2988, 0.3169

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7791, 0.3069, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9747, 0.2988, 0.3169 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, 178, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 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, 178, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.9747, 0.2988, 0.3169 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, 178, 187) }
```

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

```
.border{ border-color:rgb(170, 178, 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, 178, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9747, 0.2988, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 187) }
```

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

```
.background{ background-color: rgb(170,  
178, 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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