

Converting Colors

$Yxy(47.3901, 0.2935, 0.3183)$

Have a look what the booklet for
Yxy(47.3901, 0.2935, 0.3183)
contains.

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Color

Yxy(47.5589, 0.2938, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	AABAC2
RGB	170, 186, 194
RGB Percent	67%, 73%, 76%
CMY	0.3334, 0.2706, 0.2393
CMYK	0.12, 0.04, 0.00, 0.24
HSL	200°, 16%, 71%
HSV	200°, 12%, 76%
XYZ	43.8707, 47.5589, 57.8919
YIQ	182.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

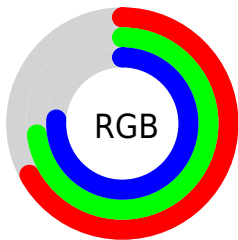
Format	Color
R _Y B	170, 180, 194
Decimal	11188930
CIE Lab	74.55, -3.87, -5.91
CIE LCh	75, 7.068, 236.765
Yxy	47.5589, 0.2938, 0.3185
Android (android.graphics.Color)	4289379010 (0xFFAABAC2)
YUV	182.1280, 5.8529, -10.6363
Hunter-Lab	68.9630, -7.1327, -1.4978

Details

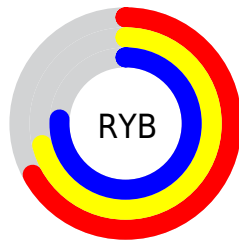
The Yxy color **47.5589, 0.2938, 0.3185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1940, 0.3335, 0.3393**, and the grayscale version is **46.8247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4139, 0.2972, 0.3208**, and **22.5201, 0.2893, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **42.9015, 0.2784, 0.3090**, and if you desaturate by 10%, it is **52.6617, 0.3091, 0.3271**.

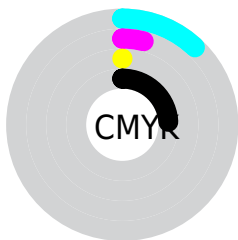
Distribution



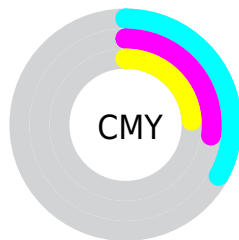
- Red (67%)
- Green (73%)
- Blue (76%)



- Red (67%)
- Yellow (71%)
- Blue (76%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5589, 0.2938, 0.3185 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 47.5589, 0.2938, 0.3185 by changing the saturation by 10% instead.

■ 47.5589, 0.2938,
0.3185

■ 47.5589, 0.2938,
0.3185

377.0410, 0.3032,
0.3238

■ 33.4777, 0.2915,
0.3172

■ 86.5473, 0.2972,
0.3204

■ 22.4926, 0.2885,
0.3155

112.2233, 0.2985,
0.3212

■ 14.2193, 0.2846,
0.3132

142.5330, 0.2996,
0.3218

■ 8.2734, 0.2792,
0.3099

177.8608, 0.3005,
0.3223

■ 4.2704, 0.2711,
0.3051

218.5911, 0.3013,
0.3227

■ 1.8259, 0.2581,
0.2970

265.1083, 0.3020,

■ 0.5033, 0.2076,

0.3231

0.2723

317.7968, 0.3026,
0.3235

0.0000, 0.0000,
0.0000

47.5589, 0.2938,
0.3185

47.5589, 0.2938,
0.3185

42.9015, 0.2784,
0.3090

52.6617, 0.3091,
0.3271

38.6681, 0.2634,
0.2987

58.2186, 0.3242,
0.3348

34.8441, 0.2489,
0.2876

64.2454, 0.3388,
0.3417

31.4116, 0.2353,
0.2758

70.7554, 0.3529,
0.3478

28.3511, 0.2231,
0.2635

75.4172, 0.3571,
0.3539

■ 25.6410, 0.2126,
0.2509

■ 78.8298, 0.3557,
0.3603

■ 23.2568, 0.2039,
0.2382

■ 82.3738, 0.3542,
0.3666

■ 21.1692, 0.1974,
0.2256

■ 86.0507, 0.3528,
0.3728

■ 19.7345, 0.1934,
0.2162

■ 89.8618, 0.3513,
0.3789

Harmonies

Analogous

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



47.5589, 0.2956, 0.3266



47.5589, 0.2938, 0.3185



47.5589, 0.2970, 0.3134

Triad

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



47.5589, 0.2938, 0.3185



47.5589, 0.3235, 0.3226



47.5589, 0.3210, 0.3461

Complementary

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



47.5589, 0.2938, 0.3185



46.1940, 0.3335, 0.3393

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.



47.5589, 0.3286, 0.3447



47.5589, 0.2938, 0.3185



47.5589, 0.3301, 0.3310

Square

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



47.5589, 0.2938, 0.3185



47.5589, 0.3140, 0.3158



47.5589, 0.3320, 0.3391



47.5589, 0.3112, 0.3427

Rectangle

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



47.5589, 0.2938, 0.3185



47.5589, 0.3015, 0.3123



47.5589, 0.3320, 0.3391



47.5589, 0.3239, 0.3461

Sweetspot

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



47.5609, 0.2938, 0.3185



93.8066, 0.3065, 0.3257



50.3164, 0.3057, 0.3507



20.3835, 0.3054, 0.3251



0.0000, 0.0000, 0.0000



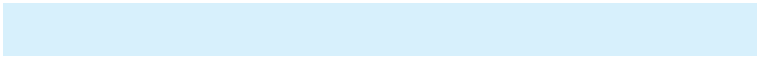
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5609, 0.2938, 0.3185



83.6838, 0.2894, 0.3159



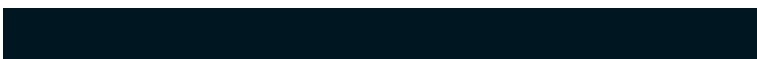
42.8628, 0.2935, 0.3029



10.8463, 0.2984, 0.3212



13.1339, 0.1938, 0.2178



0.6897, 0.2015, 0.2455

Inverse Universe

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



43.7591, 0.3209, 0.3087



75.4516, 0.3230, 0.3038



51.0134, 0.3317, 0.3538



10.1888, 0.3187, 0.3137



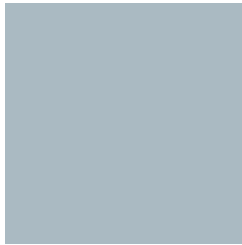
8.6081, 0.4256, 0.2118



0.3843, 0.3967, 0.1959

Previews

White Background



This preview shows how the Yxy color 47.5589, 0.2938, 0.3185 looks on a white background.

Color Contrast Check

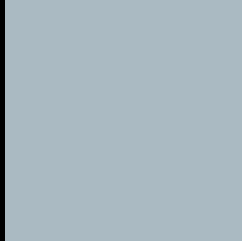
Large Text (above 18pt) WCAG AA × Fail

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 47.5589, 0.2938, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

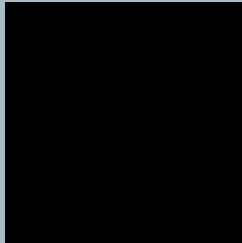
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

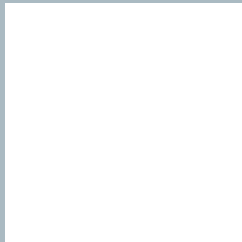
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5589, 0.2938, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 47.5589, 0.2938, 0.3185.



This preview shows how white text looks on a background with the Yxy color 47.5589, 0.2938, 0.3185.

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

47.5589, 0.2938, 0.3185

Protanopia

47.4520, 0.3066, 0.3162

Deuteranopia

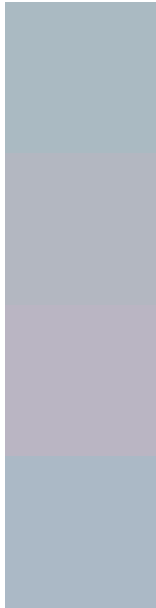
47.4284, 0.3129, 0.3067



Tritanopia

47.5260, 0.2902, 0.3095

Trichromacy



Original Color

47.5589, 0.2938, 0.3185

Protanomaly

47.3009, 0.3017, 0.3161

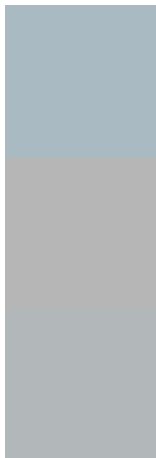
Deuteranomaly

47.4270, 0.3060, 0.3112

Tritanomaly

47.4331, 0.2917, 0.3120

Monochromacy



Original Color

47.5589, 0.2938, 0.3185

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8771, 0.3062, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5589, 0.2938, 0.3185 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, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 194)  
}
```

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, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.5589, 0.2938, 0.3185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

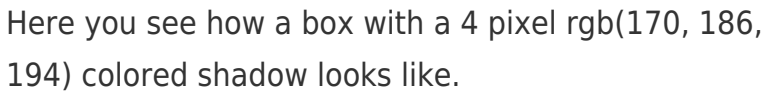
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 186, 194) }
```

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

```
.border{ border-color:rgb(170, 186, 194) }
```

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



Here you see how a box with a 4 pixel rgb(170, 186, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(170, 186,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5589, 0.2938, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 186, 194) }
```

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

```
.background{ background-color: rgb(170,  
186, 194) }
```

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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