

Converting Colors

$Yxy(51.0947, 0.2975, 0.3280)$

Have a look what the booklet for
Yxy(51.0947, 0.2975, 0.3280)
contains.

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Color

Yxy(51.0336, 0.2970, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AEC1C2
RGB	174, 193, 194
RGB Percent	68%, 76%, 76%
CMY	0.3179, 0.2431, 0.2392
CMYK	0.10, 0.01, 0.00, 0.24
HSL	183°, 14%, 72%
HSV	183°, 10%, 76%
XYZ	46.2526, 51.0336, 58.4465
YIQ	187.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

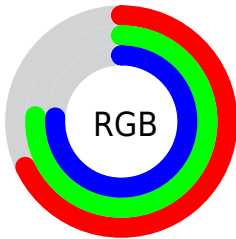
Format	Color
RYB	174, 184, 194
Decimal	11452866
CIELab	76.70, -6.29, -2.71
CIELCh	77, 6.847, 203.357
Yxy	51.0336, 0.2970, 0.3277
Android (android.graphics.Color)	4289642946 (0xFFAEC1C2)
YUV	187.4330, 3.2375, -11.7807
Hunter-Lab	71.4378, -9.4458, 1.4987

Details

The Yxy color **51.0336, 0.2970, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1491, 0.3306, 0.3303**, and the grayscale version is **49.9334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4765, 0.3003, 0.3280**, and **24.7146, 0.2928, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **48.5524, 0.2825, 0.3263**, and if you desaturate by 10%, it is **53.8434, 0.3122, 0.3290**.

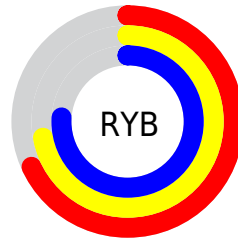
Distribution



Red (68%)

Green (76%)

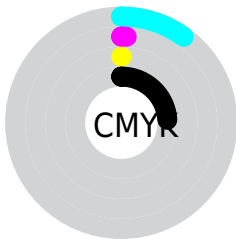
Blue (76%)



Red (68%)

Yellow (72%)

Blue (76%)

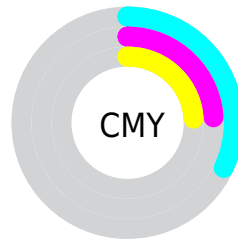


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0336, 0.2970, 0.3277 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 51.0336, 0.2970, 0.3277 by changing the saturation by 10% instead.

■ 51.0336, 0.2970,
0.3277

■ 51.0336, 0.2970,
0.3277

390.6943, 0.3047,
0.3284

■ 36.2353, 0.2951,
0.3275

■ 91.7044, 0.2998,
0.3280

■ 24.6160, 0.2927,
0.3273

118.3458, 0.3008,
0.3281

■ 15.7912, 0.2896,
0.3269

149.7037, 0.3017,
0.3281

■ 9.3765, 0.2852,
0.3265

186.1625, 0.3025,
0.3282

■ 4.9876, 0.2789,
0.3257

228.1065, 0.3031,
0.3283

■ 2.2400, 0.2689,
0.3244

275.9202, 0.3037,

■ 0.7417, 0.2407,

0.3283

0.3238

329.9880, 0.3043,
0.3284

0.0000, 0.0000,
0.0000

51.0336, 0.2970,
0.3277

51.0336, 0.2970,
0.3277

48.5524, 0.2825,
0.3263

53.8434, 0.3122,
0.3290

46.3798, 0.2691,
0.3249

56.9884, 0.3278,
0.3301

44.5031, 0.2569,
0.3234

60.4829, 0.3436,
0.3311

42.9063, 0.2464,
0.3218

64.3385, 0.3594,
0.3321

41.5722, 0.2375,
0.3202

65.4168, 0.3620,
0.3330

■ 40.4811, 0.2306,
0.3185

■ 65.8474, 0.3618,
0.3340

■ 39.6111, 0.2255,
0.3169

■ 66.2807, 0.3615,
0.3350

■ 38.9358, 0.2223,
0.3153

■ 66.7167, 0.3613,
0.3359

■ 38.4194, 0.2205,
0.3138

■ 67.1554, 0.3611,
0.3369

Harmonies

Analogous

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



51.0336, 0.3034, 0.3361



51.0336, 0.2970, 0.3277



51.0336, 0.2948, 0.3198

Triad

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



51.0336, 0.2970, 0.3277



51.0336, 0.3129, 0.3160



51.0336, 0.3284, 0.3434

Complementary

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



51.0336, 0.2970, 0.3277



45.1491, 0.3306, 0.3303

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.



51.0336, 0.3310, 0.3378



51.0336, 0.2970, 0.3277



51.0336, 0.3220, 0.3221

Square

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



51.0336, 0.2970, 0.3277



51.0336, 0.3038, 0.3132



51.0336, 0.3287, 0.3300



51.0336, 0.3215, 0.3452

Rectangle

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



51.0336, 0.2970, 0.3277



51.0336, 0.2959, 0.3160



51.0336, 0.3287, 0.3300



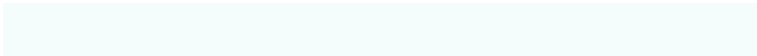
51.0336, 0.3298, 0.3419

Sweetspot

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



51.0357, 0.2970, 0.3277



96.1199, 0.3080, 0.3286



50.6523, 0.3110, 0.3545



20.9563, 0.3068, 0.3285



0.0000, 0.0000, 0.0000



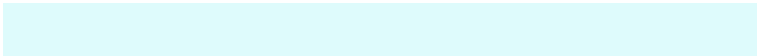
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0357, 0.2970, 0.3277



91.5935, 0.2943, 0.3275



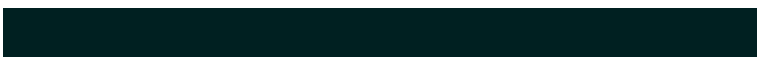
46.8775, 0.2969, 0.3150



11.3420, 0.2984, 0.3278



25.2974, 0.2206, 0.3140



1.1192, 0.2215, 0.3175

Inverse Universe

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



45.5696, 0.3147, 0.3051



80.0689, 0.3151, 0.3007



49.0680, 0.3292, 0.3426



10.2388, 0.3145, 0.3074



9.8360, 0.3333, 0.1610



0.4276, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 51.0336, 0.2970, 0.3277 looks on a white background.

Color Contrast Check

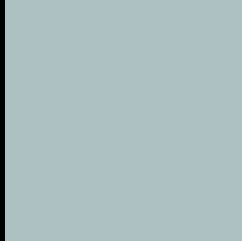
Large Text (above 18pt) WCAG AA × Fail

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 51.0336, 0.2970, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

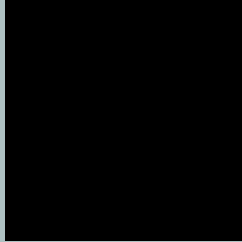
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

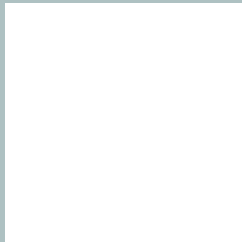
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0336, 0.2970, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 51.0336, 0.2970, 0.3277.

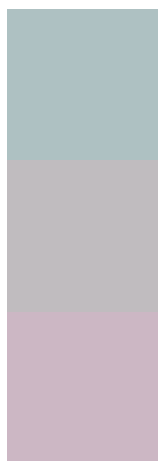


This preview shows how white text looks on a background with the Yxy color 51.0336, 0.2970, 0.3277.

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

51.0336, 0.2970, 0.3277

Protanopia

50.9345, 0.3137, 0.3253

Deuteranopia

50.6899, 0.3202, 0.3133



Tritanopia

50.9479, 0.2901, 0.3100

Trichromacy



Original Color

51.0336, 0.2970, 0.3277

Protanomaly

50.9470, 0.3072, 0.3265

Deuteranomaly

50.8182, 0.3115, 0.3191

Tritanomaly

51.0775, 0.2922, 0.3162

Monochromacy



Original Color

51.0336, 0.2970, 0.3277

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0580, 0.3063, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0336, 0.2970, 0.3277 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(174, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 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(174, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 194) }
```

Border

The CSS property to change the border of an element to Yxy 51.0336, 0.2970, 0.3277 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(174, 193, 194) }
```

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

```
.border{ border-color:rgb(174, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0336, 0.2970, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 194) }
```

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

```
.background{ background-color: rgb(174,  
193, 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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