

Converting Colors

$Yxy(51.8580, 0.2991, 0.3271)$

Have a look what the booklet for
Yxy(51.8580, 0.2991, 0.3271)
contains.

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Color

Yxy(51.9887, 0.2994, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B2C2C3
RGB	178, 194, 195
RGB Percent	70%, 76%, 76%
CMY	0.3020, 0.2392, 0.2353
CMYK	0.09, 0.01, 0.00, 0.24
HSL	183°, 12%, 73%
HSV	183°, 9%, 76%
XYZ	47.4990, 51.9887, 59.1596
YIQ	189.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

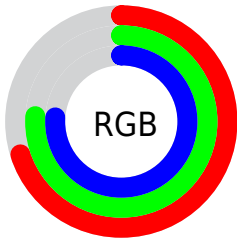
Format	Color
R _Y B	178, 186, 195
Decimal	11715267
CIE Lab	77.27, -5.26, -2.38
CIE LCh	77, 5.775, 204.357
Yxy	51.9887, 0.2994, 0.3277
Android (android.graphics.Color)	4289905347 (0xFFB2C2C3)
YUV	189.3300, 2.7953, -9.9364
Hunter-Lab	72.1032, -8.5912, 1.8257

Details

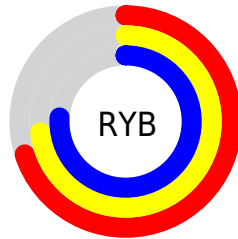
The Yxy color **51.9887, 0.2994, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0452, 0.3276, 0.3303**, and the grayscale version is **51.0752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8919, 0.3016, 0.3270**, and **25.0392, 0.2959, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **49.3432, 0.2848, 0.3261**, and if you desaturate by 10%, it is **54.9703, 0.3147, 0.3292**.

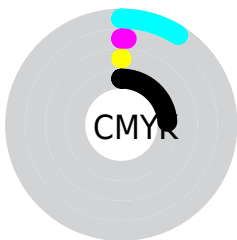
Distribution



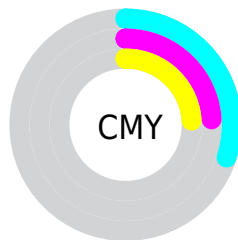
- Red (70%)
- Green (76%)
- Blue (76%)



- Red (70%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9887, 0.2994, 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 51.9887, 0.2994, 0.3277 by changing the saturation by 10% instead.

■ 51.9887, 0.2994,
0.3277

■ 51.9887, 0.2994,
0.3277

394.3930, 0.3059,
0.3284

■ 36.9961, 0.2978,
0.3275

■ 93.1146, 0.3017,
0.3280

■ 25.2044, 0.2958,
0.3273

120.0166, 0.3026,
0.3280

■ 16.2294, 0.2931,
0.3270

151.6572, 0.3034,
0.3281

■ 9.6867, 0.2895,
0.3265

188.4208, 0.3040,
0.3282

■ 5.1917, 0.2842,
0.3259

230.6918, 0.3046,
0.3282

■ 2.3602, 0.2759,
0.3247

278.8546, 0.3051,

■ 0.8053, 0.2560,

0.3283

333.2935, 0.3055,
0.3283

0.3237

0.0000, 0.0000,
0.0000

51.9887, 0.2994,
0.3277

51.9887, 0.2994,
0.3277

49.3432, 0.2848,
0.3261

54.9703, 0.3147,
0.3292

47.0136, 0.2711,
0.3244

58.2943, 0.3304,
0.3305

44.9871, 0.2586,
0.3226

61.9753, 0.3461,
0.3317

43.2479, 0.2477,
0.3207

65.8378, 0.3610,
0.3328

41.7785, 0.2384,
0.3187

66.3600, 0.3607,
0.3340

■ 40.5598, 0.2311,
0.3168

■ 66.8861, 0.3604,
0.3352

■ 39.5697, 0.2256,
0.3148

■ 67.4161, 0.3602,
0.3363

■ 38.7825, 0.2220,
0.3129

■ 67.9500, 0.3599,
0.3375

■ 38.1558, 0.2199,
0.3109

■ 68.4878, 0.3596,
0.3387

Harmonies

Analogous

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



51.9887, 0.3047, 0.3347



51.9887, 0.2994, 0.3277



51.9887, 0.2976, 0.3212

Triad

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



51.9887, 0.2994, 0.3277



51.9887, 0.3131, 0.3182



51.9887, 0.3257, 0.3412

Complementary

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



51.9887, 0.2994, 0.3277



47.0452, 0.3276, 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.



51.9887, 0.3280, 0.3366



51.9887, 0.2994, 0.3277



51.9887, 0.3207, 0.3234

Square

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



51.9887, 0.2994, 0.3277



51.9887, 0.3055, 0.3158



51.9887, 0.3262, 0.3301



51.9887, 0.3199, 0.3426

Rectangle

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



51.9887, 0.2994, 0.3277



51.9887, 0.2987, 0.3179



51.9887, 0.3262, 0.3301



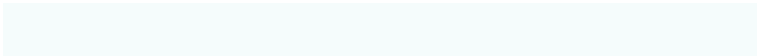
51.9887, 0.3269, 0.3400

Sweetspot

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



51.9909, 0.2994, 0.3277



96.0740, 0.3080, 0.3286



51.7407, 0.3111, 0.3499



20.9436, 0.3068, 0.3284



0.0000, 0.0000, 0.0000



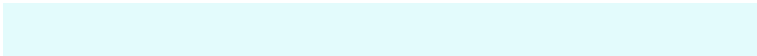
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9909, 0.2994, 0.3277



92.4042, 0.2973, 0.3275



48.3697, 0.2994, 0.3169



11.3248, 0.2984, 0.3276



24.7935, 0.2197, 0.3110



1.1023, 0.2209, 0.3152

Inverse Universe

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



47.3318, 0.3145, 0.3091



82.7938, 0.3148, 0.3058



50.5016, 0.3265, 0.3408



10.2371, 0.3146, 0.3076



9.7852, 0.3359, 0.1624



0.4259, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 51.9887, 0.2994, 0.3277 looks on a white background.

Color Contrast Check

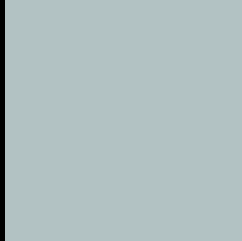
Large Text (above 18pt) WCAG AA × Fail

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 51.9887, 0.2994, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

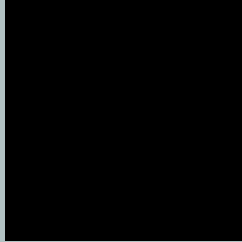
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

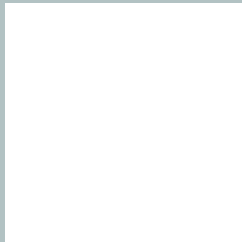
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9887, 0.2994, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 51.9887, 0.2994, 0.3277.

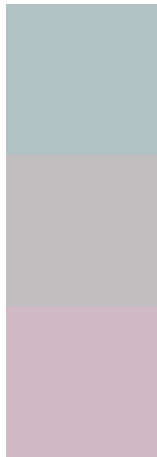


This preview shows how white text looks on a background with the Yxy color 51.9887, 0.2994, 0.3277.

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

51.9887, 0.2994, 0.3277

Protanopia

51.9701, 0.3136, 0.3265

Deuteranopia

51.8510, 0.3209, 0.3147



Tritanopia

51.9076, 0.2925, 0.3102

Trichromacy



Original Color

51.9887, 0.2994, 0.3277

Protanomaly

51.8032, 0.3088, 0.3265

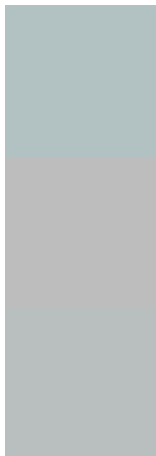
Deuteranomaly

51.6877, 0.3132, 0.3192

Tritanomaly

52.0354, 0.2945, 0.3164

Monochromacy



Original Color

51.9887, 0.2994, 0.3277

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3375, 0.3079, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9887, 0.2994, 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(178, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 195)  
}
```

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(178, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.9887, 0.2994, 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(178, 194, 195) }
```

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

```
.border{ border-color:rgb(178, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9887, 0.2994, 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(178, 194, 195) }
```

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

```
.background{ background-color: rgb(178,  
194, 195) }
```

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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