

Converting Colors

Yxy(54.4787, 0.2993, 0.3315)

Have a look what the booklet for
Yxy(54.4787, 0.2993, 0.3315)
contains.

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Color

Yxy(54.5814, 0.2995, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	B4C7C5
RGB	180, 199, 197
RGB Percent	71%, 78%, 77%
CMY	0.2944, 0.2195, 0.2275
CMYK	0.10, 0.00, 0.01, 0.22
HSL	174°, 15%, 74%
HSV	174°, 10%, 78%
XYZ	49.3126, 54.5814, 60.7558
YIQ	193.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

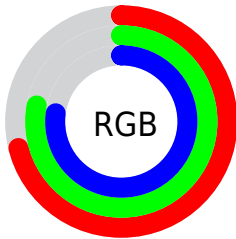
Format	Color
R_{YB}	180, 190, 199
Decimal	11847621
CIE Lab	78.80, -6.85, -1.21
CIE LCh	79, 6.955, 189.990
Yxy	54.5814, 0.2995, 0.3315
Android (android.graphics.Color)	4290037701 (0xFFB4C7C5)
YUV	193.0910, 1.9271, -11.4808
Hunter-Lab	73.8792, -10.1442, 2.9574

Details

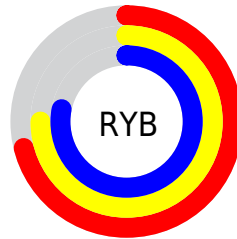
The Yxy color **54.5814, 0.2995, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1392, 0.3277, 0.3265**, and the grayscale version is **53.3734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5086, 0.3017, 0.3300**, and **26.7460, 0.2962, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **52.2689, 0.2864, 0.3344**, and if you desaturate by 10%, it is **57.2428, 0.3133, 0.3289**.

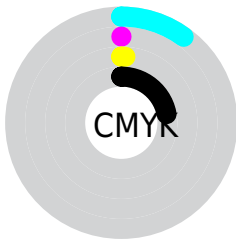
Distribution



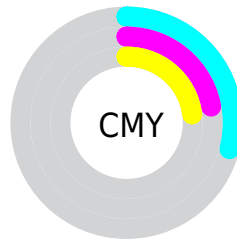
- Red (71%)
- Green (78%)
- Blue (77%)



- Red (71%)
- Yellow (75%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5814, 0.2995, 0.3315 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 54.5814, 0.2995, 0.3315 by changing the saturation by 10% instead.

■ 54.5814, 0.2995,
0.3315

■ 54.5814, 0.2995,
0.3315

404.3232, 0.3059,
0.3303

■ 39.0667, 0.2979,
0.3318

■ 96.9274, 0.3018,
0.3311

■ 26.8116, 0.2960,
0.3321

124.5274, 0.3027,
0.3309

■ 17.4318, 0.2934,
0.3326

156.9247, 0.3034,
0.3308

■ 10.5428, 0.2899,
0.3332

194.5036, 0.3041,
0.3307

■ 5.7603, 0.2849,
0.3341

237.6485, 0.3046,
0.3306

■ 2.6999, 0.2770,
0.3353

286.7438, 0.3051,

■ 0.9771, 0.2623,

0.3305

342.1739, 0.3055,
0.3304

0.3378

0.0000, 0.0000,
0.0000

54.5814, 0.2995,
0.3315

54.5814, 0.2995,
0.3315

52.2689, 0.2864,
0.3344

57.2428, 0.3133,
0.3289

50.2838, 0.2742,
0.3374

60.2598, 0.3275,
0.3265

48.6128, 0.2633,
0.3407

63.6478, 0.3419,
0.3245

47.2392, 0.2539,
0.3442

66.5461, 0.3525,
0.3225

46.1443, 0.2463,
0.3477

66.6491, 0.3509,
0.3203

■ 45.3077, 0.2405,
0.3514

■ 66.7536, 0.3492,
0.3182

■ 44.7061, 0.2366,
0.3550

■ 66.8594, 0.3475,
0.3160

■ 44.3120, 0.2346,
0.3587

■ 66.9666, 0.3459,
0.3139

■ 44.0753, 0.2340,
0.3623

■ 67.0753, 0.3442,
0.3117

Harmonies

Analogous

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



54.5814, 0.3072, 0.3393



54.5814, 0.2995, 0.3315



54.5814, 0.2953, 0.3232

Triad

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



54.5814, 0.2995, 0.3315



54.5814, 0.3087, 0.3144



54.5814, 0.3300, 0.3412

Complementary

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



54.5814, 0.2995, 0.3315



48.1392, 0.3277, 0.3265

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.



54.5814, 0.3305, 0.3344



54.5814, 0.2995, 0.3315



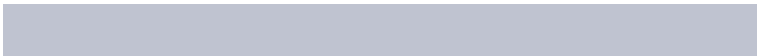
54.5814, 0.3181, 0.3191

Square

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



54.5814, 0.2995, 0.3315



54.5814, 0.3006, 0.3134



54.5814, 0.3261, 0.3264



54.5814, 0.3249, 0.3449

Rectangle

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



54.5814, 0.2995, 0.3315



54.5814, 0.2950, 0.3185



54.5814, 0.3261, 0.3264



54.5814, 0.3307, 0.3392

Sweetspot

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



54.5837, 0.2995, 0.3315



98.5256, 0.3085, 0.3298



54.1148, 0.3133, 0.3533



21.0063, 0.3073, 0.3300



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.



54.5837, 0.2995, 0.3315



94.4438, 0.2960, 0.3322



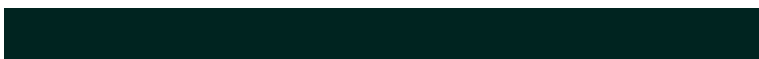
51.3912, 0.2980, 0.3197



12.0474, 0.2998, 0.3314



28.3368, 0.2339, 0.3619



1.3475, 0.2318, 0.3544

Inverse Universe

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



48.1392, 0.3277, 0.3265



80.3685, 0.3323, 0.3258



51.0865, 0.3284, 0.3381



10.6549, 0.3273, 0.3266



7.8492, 0.6262, 0.3223



0.3780, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 54.5814, 0.2995, 0.3315 looks on a white background.

Color Contrast Check

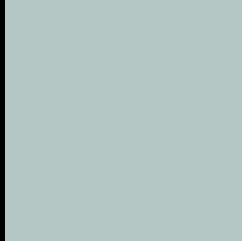
Large Text (above 18pt) WCAG AA × Fail

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 54.5814, 0.2995, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

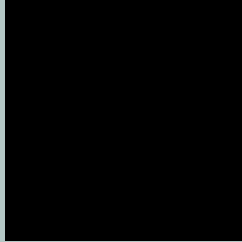
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

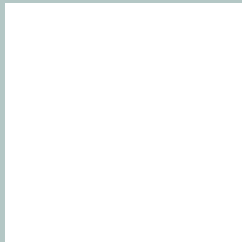
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5814, 0.2995, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 54.5814, 0.2995, 0.3315.

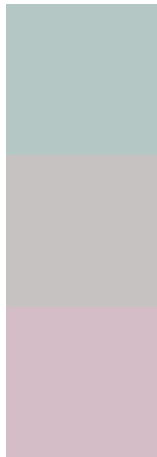


This preview shows how white text looks on a background with the Yxy color 54.5814, 0.2995, 0.3315.

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

54.5814, 0.2995, 0.3315

Protanopia

54.4844, 0.3159, 0.3290

Deuteranopia

54.5158, 0.3240, 0.3173



Tritanopia

54.7533, 0.2915, 0.3106

Trichromacy



Original Color

54.5814, 0.2995, 0.3315

Protanomaly

54.4964, 0.3095, 0.3302

Deuteranomaly

54.4965, 0.3146, 0.3230

Tritanomaly

54.8382, 0.2941, 0.3179

Monochromacy



Original Color

54.5814, 0.2995, 0.3315

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6166, 0.3079, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5814, 0.2995, 0.3315 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(180, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(180, 199, 197)  
}
```

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(180, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 199, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.5814, 0.2995, 0.3315 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(180, 199, 197) }
```

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

```
.border{ border-color:rgb(180, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(180, 199,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5814, 0.2995, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 199, 197) }
```

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

```
.background{ background-color: rgb(180,  
199, 197) }
```

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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