

Converting Colors

Yxy(54.4422, 0.2941, 0.3323)

Have a look what the booklet for
Yxy(54.4422, 0.2941, 0.3323)
contains.

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Color

Yxy(54.2700, 0.2937, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	ADC8C6
RGB	173, 200, 198
RGB Percent	68%, 78%, 78%
CMY	0.3215, 0.2157, 0.2236
CMYK	0.13, 0.00, 0.01, 0.22
HSL	176°, 20%, 73%
HSV	176°, 13%, 78%
XYZ	48.0817, 54.2700, 61.3587
YIQ	191.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

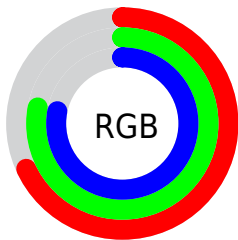
Format	Color
RYB	173, 187, 200
Decimal	11389126
CIELab	78.62, -9.44, -2.06
CIELCh	79, 9.664, 192.313
Yxy	54.2700, 0.2937, 0.3315
Android (android.graphics.Color)	4289579206 (0xFFADC8C6)
YUV	191.6990, 3.1064, -16.3990
Hunter-Lab	73.6682, -12.4159, 2.1847

Details

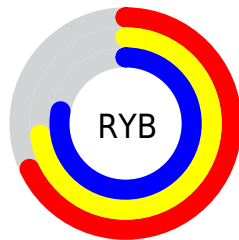
The Yxy color $54.2700, 0.2937, 0.3315$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $45.2688, 0.3355, 0.3265$, and the grayscale version is $52.5180, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.3980, 0.2970, 0.3290$, and $26.5645, 0.2885, 0.3324$ is the 20% darker color. If you saturate the color by 10%, you get $52.0915, 0.2806, 0.3336$, and if you desaturate by 10%, it is $56.7950, 0.3077, 0.3296$.

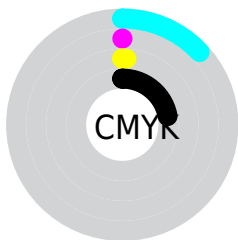
Distribution



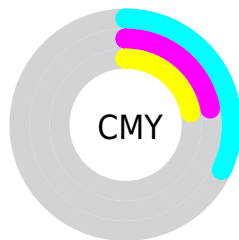
- Red (68%)
- Green (78%)
- Blue (78%)



- Red (68%)
- Yellow (73%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2700, 0.2937, 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 54.2700, 0.2937, 0.3315 by changing the saturation by 10% instead.

■ 54.2700, 0.2937,
0.3315

■ 54.2700, 0.2937,
0.3315

403.1388, 0.3029,
0.3303

■ 38.8176, 0.2915,
0.3318

■ 96.4706, 0.2970,
0.3311

■ 26.6178, 0.2887,
0.3321

123.9875, 0.2983,
0.3309

■ 17.2864, 0.2850,
0.3325

156.2947, 0.2993,
0.3308

■ 10.4389, 0.2800,
0.3331

193.7766, 0.3002,
0.3307

■ 5.6909, 0.2728,
0.3338

236.8175, 0.3010,
0.3306

■ 2.6581, 0.2616,
0.3348

285.8019, 0.3018,

■ 0.9559, 0.2388,

0.3305

341.1142, 0.3024,
0.3304

0.3375

0.0000, 0.0000,
0.0000

54.2700, 0.2937,
0.3315

54.2700, 0.2937,
0.3315

52.0915, 0.2806,
0.3336

56.7950, 0.3077,
0.3296

50.2376, 0.2685,
0.3358

59.6739, 0.3222,
0.3279

48.6943, 0.2579,
0.3381

62.9224, 0.3371,
0.3264

47.4440, 0.2489,
0.3405

66.5530, 0.3519,
0.3250

46.4672, 0.2418,
0.3430

66.9994, 0.3523,
0.3235

■ 45.7423, 0.2365,
0.3455

■ 67.0721, 0.3512,
0.3220

■ 45.2441, 0.2331,
0.3480

■ 67.1455, 0.3500,
0.3205

■ 44.9423, 0.2315,
0.3505

■ 67.2195, 0.3488,
0.3189

■ 44.8154, 0.2312,
0.3521

■ 67.2943, 0.3476,
0.3174

Harmonies

Analogous

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



54.2700, 0.3041, 0.3426



54.2700, 0.2937, 0.3315



54.2700, 0.2884, 0.3199

Triad

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



54.2700, 0.2937, 0.3315



54.2700, 0.3081, 0.3091



54.2700, 0.3365, 0.3465

Complementary

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



54.2700, 0.2937, 0.3315



45.2688, 0.3355, 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.



54.2700, 0.3377, 0.3373



54.2700, 0.2937, 0.3315



54.2700, 0.3211, 0.3160

Square

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



54.2700, 0.2937, 0.3315



54.2700, 0.2965, 0.3073



54.2700, 0.3320, 0.3261



54.2700, 0.3289, 0.3513

Rectangle

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



54.2700, 0.2937, 0.3315



54.2700, 0.2883, 0.3136



54.2700, 0.3320, 0.3261



54.2700, 0.3377, 0.3438

Sweetspot

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



54.2723, 0.2937, 0.3315



98.0676, 0.3069, 0.3297



53.4719, 0.3128, 0.3641



20.9151, 0.3058, 0.3299



0.0000, 0.0000, 0.0000



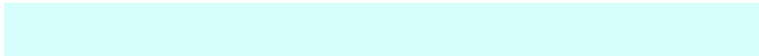
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2723, 0.2937, 0.3315



92.8716, 0.2900, 0.3320



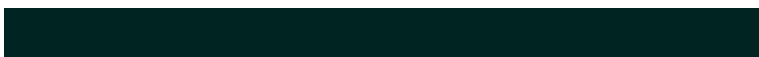
49.3472, 0.2919, 0.3145



12.0534, 0.2994, 0.3307



28.5003, 0.2311, 0.3518



1.3537, 0.2296, 0.3466

Inverse Universe

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



45.2688, 0.3355, 0.3265



74.4770, 0.3410, 0.3260



49.6864, 0.3353, 0.3431



10.6496, 0.3278, 0.3273



7.8347, 0.6309, 0.3249



0.3755, 0.6009, 0.3084

Previews

White Background



This preview shows how the Yxy color 54.2700, 0.2937, 0.3315 looks on a white background.

Color Contrast Check

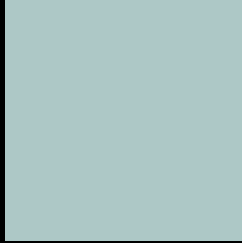
Large Text (above 18pt) WCAG AA × Fail

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 54.2700, 0.2937, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

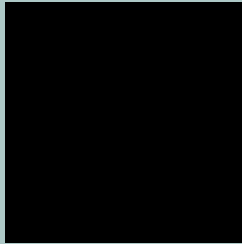
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

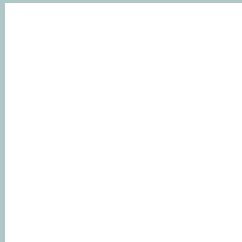
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2700, 0.2937, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 54.2700, 0.2937, 0.3315.

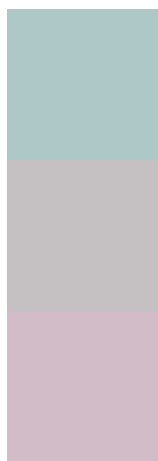


This preview shows how white text looks on a background with the Yxy color 54.2700, 0.2937, 0.3315.

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

54.2700, 0.2937, 0.3315

Protanopia

53.9053, 0.3152, 0.3278

Deuteranopia

53.8382, 0.3216, 0.3149



Tritanopia

54.4224, 0.2858, 0.3104

Trichromacy



Original Color

54.2700, 0.2937, 0.3315

Protanomaly

54.1114, 0.3071, 0.3302

Deuteranomaly

53.6931, 0.3115, 0.3205

Tritanomaly

54.5149, 0.2884, 0.3177

Monochromacy



Original Color

54.2700, 0.2937, 0.3315

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2395, 0.3055, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2700, 0.2937, 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(173, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 198)  
}
```

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(173, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.2700, 0.2937, 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(173, 200, 198) }
```

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

```
.border{ border-color:rgb(173, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2700, 0.2937, 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(173, 200, 198) }
```

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

```
.background{ background-color: rgb(173,  
200, 198) }
```

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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