

Converting Colors

Yxy(54.2505, 0.2914, 0.3422)

Have a look what the booklet for
Yxy(54.2505, 0.2914, 0.3422)
contains.

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Color

Yxy(54.4102, 0.2913, 0.3432)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A4CBC0 |
| RGB | 164, 203, 192 |
| RGB Percent | 64%, 80%, 75% |
| CMY | 0.3568, 0.2039, 0.2470 |
| CMYK | 0.19, 0.00, 0.05, 0.20 |
| HSL | 163°, 27%, 72% |
| HSV | 163°, 19%, 80% |
| XYZ | 46.1821, 54.4102, 57.9456 |
| YIQ | 190.0850, -19.7130, -11.6890 |

Conversions

Conversions Part 2

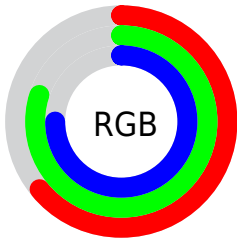
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 187, 203 |
| Decimal | 10800064 |
| CIELab | 78.70, -15.11, 1.20 |
| CIElCh | 79, 15.158, 175.455 |
| Yxy | 54.4102, 0.2913, 0.3432 |
| Android (android.graphics.Color) | 4288990144 (0xFFA4CBC0) |
| YUV | 190.0850, 0.9441, -22.8765 |
| Hunter-Lab | 73.7633, -17.3295, 5.0583 |

Details

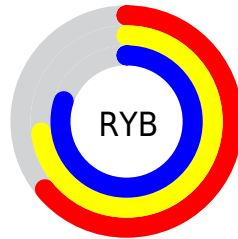
The Yxy color **54.4102, 0.2913, 0.3432** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3446, 0.3398, 0.3153**, and the grayscale version is **51.5491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3574, 0.2949, 0.3361**, and **26.8037, 0.2857, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **52.1735, 0.2811, 0.3517**, and if you desaturate by 10%, it is **57.0060, 0.3022, 0.3355**.

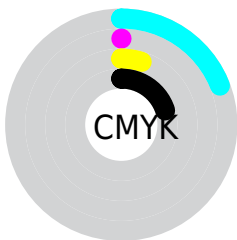
Distribution



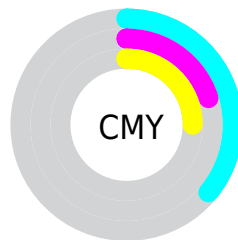
- Red (64%)
- Green (80%)
- Blue (75%)



- Red (64%)
- Yellow (73%)
- Blue (80%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)





- Cyan (36%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4102, 0.2913, 0.3432 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 54.4102, 0.2913, 0.3432 by changing the saturation by 10% instead.


 54.4102, 0.2913,
0.3432


 54.4102, 0.2913,
0.3432


403.6723, 0.3017,
0.3363

 38.9297, 0.2888,
0.3449


 96.6763, 0.2950,
0.3407

 26.7050, 0.2856,
0.3470


 124.2306, 0.2965,
0.3398

 17.3518, 0.2814,
0.3499


156.5784, 0.2977,
0.3390

 10.4857, 0.2756,
0.3537

194.1040, 0.2987,
0.3383

 5.7221, 0.2673,
0.3594

237.1918, 0.2996,
0.3377

 2.6769, 0.2543,
0.3683

286.2262, 0.3004,

 0.9655, 0.2207,

0.3371

0.3898

341.5915, 0.3011,
0.3367

0.0000, 0.0000,
0.0000

54.4102, 0.2913,
0.3432

54.4102, 0.2913,
0.3432

52.1735, 0.2811,
0.3517

57.0060, 0.3022,
0.3355

50.2726, 0.2718,
0.3608

59.9695, 0.3136,
0.3285

48.6922, 0.2639,
0.3705

63.3174, 0.3252,
0.3222

47.4128, 0.2576,
0.3806


67.0633, 0.3368,
0.3166


46.4128, 0.2530,
0.3911

69.1726, 0.3401,
0.3112


 45.6678, 0.2504,
0.4018

 69.4820, 0.3358,
0.3055


 45.1488, 0.2498,
0.4124

 69.8019, 0.3315,
0.2999

 44.8067, 0.2509,
0.4229

 70.1323, 0.3273,
0.2943

 44.7823, 0.2511,
0.4238

 70.4735, 0.3232,
0.2889

Harmonies

Analogous

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



54.4102, 0.3102, 0.3582



54.4102, 0.2913, 0.3432



54.4102, 0.2784, 0.3244

Triad

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



54.4102, 0.2913, 0.3432



54.4102, 0.2946, 0.2956



54.4102, 0.3526, 0.3485

Complementary

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



54.4102, 0.2913, 0.3432



42.3446, 0.3398, 0.3153

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.



54.4102, 0.3483, 0.3319



54.4102, 0.2913, 0.3432



54.4102, 0.3143, 0.3021

Square

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



54.4102, 0.2913, 0.3432



54.4102, 0.2802, 0.2974



54.4102, 0.3341, 0.3152



54.4102, 0.3459, 0.3607

Rectangle

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



54.4102, 0.2913, 0.3432



54.4102, 0.2746, 0.3127



54.4102, 0.3341, 0.3152



54.4102, 0.3524, 0.3432

Sweetspot

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



54.4125, 0.2913, 0.3432



96.9383, 0.3058, 0.3332



54.5137, 0.3188, 0.3799



20.6805, 0.3050, 0.3337



0.0000, 0.0000, 0.0000



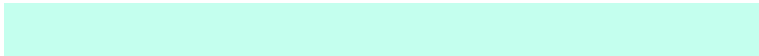
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4125, 0.2913, 0.3432



89.5039, 0.2870, 0.3466



51.0352, 0.2835, 0.3180



12.6710, 0.3020, 0.3356



28.5148, 0.2506, 0.4223



1.4836, 0.2449, 0.4018

Inverse Universe

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



42.3446, 0.3398, 0.3153



65.6956, 0.3471, 0.3122



45.0559, 0.3482, 0.3398



11.2648, 0.3246, 0.3225



8.2828, 0.5806, 0.2972



0.4405, 0.5236, 0.2658

Previews

White Background



This preview shows how the Yxy color 54.4102, 0.2913, 0.3432 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 54.4102, 0.2913, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

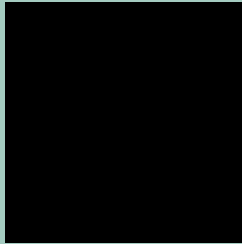
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

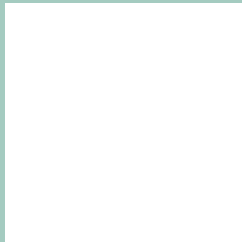
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4102, 0.2913, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 54.4102, 0.2913, 0.3432.



This preview shows how white text looks on a background with the Yxy color 54.4102, 0.2913, 0.3432.

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

54.4102, 0.2913, 0.3432

Protanopia

54.0071, 0.3230, 0.3363

Deuteranopia

54.0527, 0.3281, 0.3208



Tritanopia

54.0780, 0.2790, 0.3089

Trichromacy



Original Color

54.4102, 0.2913, 0.3432

Protanomaly

54.1714, 0.3107, 0.3390

Deuteranomaly

53.6371, 0.3136, 0.3278

Tritanomaly

54.0290, 0.2835, 0.3200

Monochromacy



Original Color

54.4102, 0.2913, 0.3432

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.6156, 0.3046, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4102, 0.2913, 0.3432 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(164, 203, 192)` looks like.

```
.text, #text, p{  
    color:rgb(164, 203, 192)  
}
```

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(164, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 203, 192) }
```

Border

The CSS property to change the border of an element to Yxy 54.4102, 0.2913, 0.3432 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(164, 203, 192) }
```

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

```
.border{ border-color:rgb(164, 203, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 203, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 203, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 203, 192);  
box-shadow:4px 4px 4px 4px rgb(164, 203,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4102, 0.2913, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 203, 192) }
```

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

```
.background{ background-color: rgb(164,  
203, 192) }
```

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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