

Converting Colors

$Y_{xy}(53.2120, 0.2737, 0.3268)$

Have a look what the booklet for
Yxy(53.2120, 0.2737, 0.3268)
contains.

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Color

Yxy(52.9903, 0.2735, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	95CACC
RGB	149, 202, 204
RGB Percent	58%, 79%, 80%
CMY	0.4155, 0.2078, 0.2001
CMYK	0.27, 0.01, 0.00, 0.20
HSL	182°, 35%, 69%
HSV	182°, 27%, 80%
XYZ	44.4157, 52.9903, 64.9915
YIQ	186.3810, -32.2300, -10.6140

Conversions

Conversions Part 2

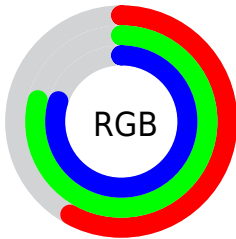
Format	Color
R_{YB}	149, 176, 204
Decimal	9816780
CIE _{Lab}	77.87, -16.61, -6.55
CIE _{LCh}	78, 17.851, 201.531
Yxy	52.9903, 0.2735, 0.3263
Android (android.graphics.Color)	4288006860 (0xFF95CACC)
YUV	186.3810, 8.6862, -32.7831
Hunter-Lab	72.7944, -18.4780, -1.9785

Details

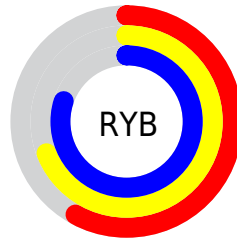
The Yxy color **52.9903, 0.2735, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1388, 0.3697, 0.3317**, and the grayscale version is **49.2957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **25.8686, 0.2630, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **50.8966, 0.2610, 0.3252**, and if you desaturate by 10%, it is **55.4258, 0.2873, 0.3274**.

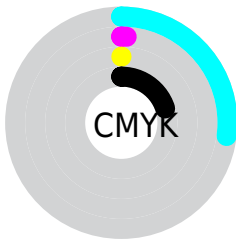
Distribution



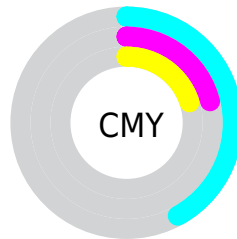
- Red (58%)
- Green (79%)
- Blue (80%)



- Red (58%)
- Yellow (69%)
- Blue (80%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)




- Cyan (42%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9903, 0.2735, 0.3263 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 52.9903, 0.2735, 0.3263 by changing the saturation by 10% instead.


 52.9903, 0.2735,
0.3263


 52.9903, 0.2735,
0.3263


398.2479, 0.2925,
0.3279

 37.7950, 0.2690,
0.3258


 94.5901, 0.2803,
0.3269

 25.8236, 0.2632,
0.3252


 121.7634, 0.2828,
0.3272

 16.6918, 0.2558,
0.3243

153.6982, 0.2850,
0.3273

 10.0150, 0.2457,
0.3229


190.7788, 0.2869,
0.3275

 5.4089, 0.2313,
0.3207

233.3897, 0.2886,
0.3276

 2.4891, 0.2094,
0.3165

281.9153, 0.2900,

 0.8712, 0.1525,

0.3277

0.3143

336.7399, 0.2913,
0.3278

0.0000, 0.0000,
0.0000

52.9903, 0.2735,
0.3263

52.9903, 0.2735,
0.3263

50.8966, 0.2610,
0.3252

55.4258, 0.2873,
0.3274

49.1209, 0.2499,
0.3240

58.2131, 0.3021,
0.3284

47.6462, 0.2406,
0.3228

61.3694, 0.3175,
0.3293

46.4513, 0.2332,
0.3216

64.9091, 0.3333,
0.3301

45.5123, 0.2277,
0.3204

68.8456, 0.3493,
0.3309

■ 44.8014, 0.2241,
0.3192

■ 69.9436, 0.3522,
0.3316

■ 44.2813, 0.2221,
0.3181

■ 70.2967, 0.3521,
0.3323

■ 44.1393, 0.2216,
0.3177

■ 70.6514, 0.3519,
0.3331

■ 71.0078, 0.3518,
0.3338

Harmonies

Analogous

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



52.9903, 0.2899, 0.3487



52.9903, 0.2735, 0.3263



52.9903, 0.2674, 0.3058

Triad

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



52.9903, 0.2735, 0.3263



52.9903, 0.3113, 0.2958



52.9903, 0.3538, 0.3651

Complementary

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



52.9903, 0.2735, 0.3263



37.1388, 0.3697, 0.3317

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.



52.9903, 0.3603, 0.3495



52.9903, 0.2735, 0.3263



52.9903, 0.3352, 0.3103

Square

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



52.9903, 0.2735, 0.3263



52.9903, 0.2885, 0.2893



52.9903, 0.3534, 0.3296



52.9903, 0.3362, 0.3715

Rectangle

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



52.9903, 0.2735, 0.3263



52.9903, 0.2697, 0.2960



52.9903, 0.3534, 0.3296



52.9903, 0.3574, 0.3607

Sweetspot

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



52.9924, 0.2735, 0.3263



95.8693, 0.3003, 0.3282



51.7929, 0.3079, 0.4031



20.3633, 0.2980, 0.3281



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.



52.9924, 0.2735, 0.3263



85.8209, 0.2664, 0.3257



41.2837, 0.2699, 0.2889



12.6555, 0.2984, 0.3281



27.8227, 0.2216, 0.3179



1.4573, 0.2223, 0.3201

Inverse Universe

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



38.6044, 0.3176, 0.2648



58.3341, 0.3187, 0.2518



46.9775, 0.3608, 0.3660



11.3965, 0.3143, 0.3070



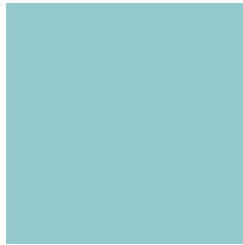
10.6117, 0.3300, 0.1591



0.5497, 0.3281, 0.1581

Previews

White Background



This preview shows how the Yxy color 52.9903, 0.2735, 0.3263 looks on a white background.

Color Contrast Check

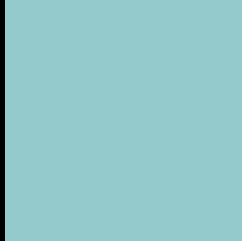
Large Text (above 18pt) WCAG AA × Fail

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 52.9903, 0.2735, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

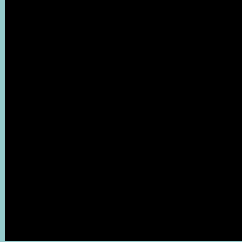
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

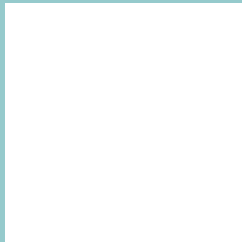
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9903, 0.2735, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 52.9903, 0.2735, 0.3263.



This preview shows how white text looks on a background with the Yxy color 52.9903, 0.2735, 0.3263.

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

52.9903, 0.2735, 0.3263

Protanopia

52.7622, 0.3106, 0.3216

Deuteranopia

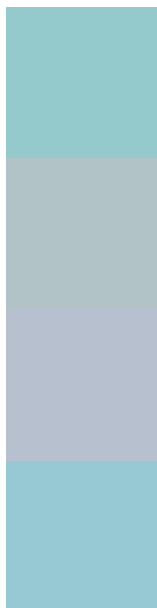
52.3193, 0.3106, 0.3040



Tritanopia

52.9418, 0.2679, 0.3083

Trichromacy



Original Color

52.9903, 0.2735, 0.3263

Protanomaly

52.6653, 0.2959, 0.3226

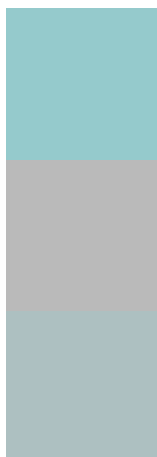
Deuteranomaly

52.2228, 0.2955, 0.3116

Tritanomaly

53.1061, 0.2698, 0.3147

Monochromacy



Original Color

52.9903, 0.2735, 0.3263

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4338, 0.2970, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9903, 0.2735, 0.3263 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(149, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 202, 204)  
}
```

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(149, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 202, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.9903, 0.2735, 0.3263 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(149, 202, 204) }
```

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

```
.border{ border-color:rgb(149, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 202,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9903, 0.2735, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 202, 204) }
```

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

```
.background{ background-color: rgb(149,  
202, 204) }
```

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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