

Converting Colors

$Y_{xy}(54.0075, 0.2762, 0.3280)$

Have a look what the booklet for
Yxy(54.0075, 0.2762, 0.3280)
contains.

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Color

Yxy(53.8438, 0.2762, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	99CBCC
RGB	153, 203, 204
RGB Percent	60%, 80%, 80%
CMY	0.3998, 0.2039, 0.2000
CMYK	0.25, 0.00, 0.00, 0.20
HSL	181°, 33%, 70%
HSV	181°, 25%, 80%
XYZ	45.3958, 53.8438, 65.1188
YIQ	188.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

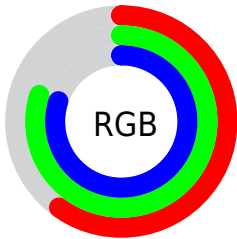
Format	Color
RYB	153, 178, 204
Decimal	10079180
CIELab	78.37, -15.93, -5.80
CIELCh	78, 16.954, 199.993
Yxy	53.8438, 0.2762, 0.3276
Android (android.graphics.Color)	4288269260 (0xFF99CBCC)
YUV	188.1640, 7.8071, -30.8388
Hunter-Lab	73.3783, -17.9824, -1.2514

Details

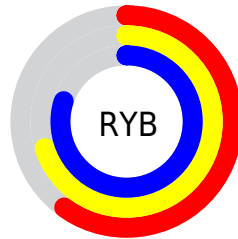
The Yxy color **53.8438, 0.2762, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2580, 0.3646, 0.3304**, and the grayscale version is **50.3598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.4062, 0.2664, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **51.8401, 0.2635, 0.3270**, and if you desaturate by 10%, it is **56.1917, 0.2901, 0.3282**.

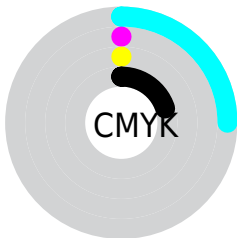
Distribution



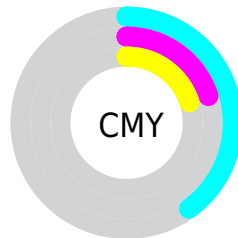
- Red (60%)
- Green (80%)
- Blue (80%)



- Red (60%)
- Yellow (70%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8438, 0.2762, 0.3276 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 53.8438, 0.2762, 0.3276 by changing the saturation by 10% instead.


 53.8438, 0.2762,
0.3276

 53.8438, 0.2762,
0.3276

401.5141, 0.2938,
0.3285

 38.4768, 0.2720,
0.3273


 95.8449, 0.2825,
0.3280

 26.3530, 0.2667,
0.3269


 123.2477, 0.2849,
0.3281

 17.0879, 0.2597,
0.3263


155.4313, 0.2869,
0.3282

 10.2972, 0.2504,
0.3254

192.7800, 0.2887,
0.3283

 5.5964, 0.2371,
0.3239

235.6783, 0.2902,
0.3284

 2.6013, 0.2168,
0.3209

284.5104, 0.2916,

 0.9273, 0.1692,

0.3284

0.3190

339.6609, 0.2928,
0.3285

0.0000, 0.0000,
0.0000

53.8438, 0.2762,
0.3276

53.8438, 0.2762,
0.3276

51.8401, 0.2635,
0.3270

56.1917, 0.2901,
0.3282

50.1568, 0.2523,
0.3263

58.8933, 0.3050,
0.3287

48.7772, 0.2429,
0.3257

61.9657, 0.3206,
0.3293

47.6808, 0.2353,
0.3250

65.4231, 0.3365,
0.3297

46.8442, 0.2296,
0.3244

69.2725, 0.3525,
0.3301

■ 46.2403, 0.2258,
0.3237

■ 69.4625, 0.3524,
0.3305

■ 45.8364, 0.2237,
0.3231

■ 69.6530, 0.3523,
0.3310

■ 45.6779, 0.2230,
0.3228

■ 69.8439, 0.3523,
0.3314

■ 70.0353, 0.3522,
0.3318

Harmonies

Analogous

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



53.8438, 0.2922, 0.3486



53.8438, 0.2762, 0.3276



53.8438, 0.2698, 0.3080

Triad

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



53.8438, 0.2762, 0.3276



53.8438, 0.3102, 0.2970



53.8438, 0.3521, 0.3626

Complementary

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



53.8438, 0.2762, 0.3276



38.2580, 0.3646, 0.3304

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.



53.8438, 0.3576, 0.3475



53.8438, 0.2762, 0.3276



53.8438, 0.3329, 0.3104

Square

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



53.8438, 0.2762, 0.3276



53.8438, 0.2889, 0.2913



53.8438, 0.3505, 0.3286



53.8438, 0.3360, 0.3690

Rectangle

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



53.8438, 0.2762, 0.3276



53.8438, 0.2716, 0.2984



53.8438, 0.3505, 0.3286



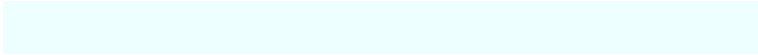
53.8438, 0.3553, 0.3583

Sweetspot

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



53.8460, 0.2762, 0.3276



96.5491, 0.3018, 0.3286



52.2857, 0.3088, 0.3982



20.6049, 0.3009, 0.3286



0.0000, 0.0000, 0.0000



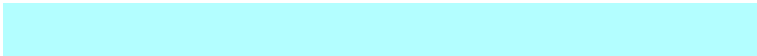
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8460, 0.2762, 0.3276



87.3189, 0.2692, 0.3273



42.8427, 0.2732, 0.2934



12.6881, 0.2984, 0.3285



28.7708, 0.2230, 0.3229



1.4964, 0.2234, 0.3241

Inverse Universe

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



39.9427, 0.3165, 0.2685



60.4247, 0.3173, 0.2554



47.5228, 0.3570, 0.3621



11.3998, 0.3141, 0.3066



10.7074, 0.3258, 0.1568



0.5536, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 53.8438, 0.2762, 0.3276 looks on a white background.

Color Contrast Check

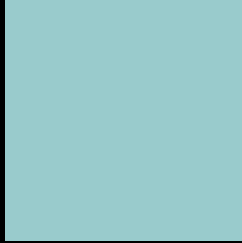
Large Text (above 18pt) WCAG AA × Fail

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 53.8438, 0.2762, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

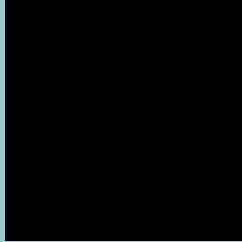
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

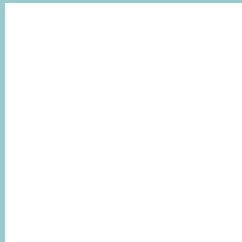
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8438, 0.2762, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 53.8438, 0.2762, 0.3276.



This preview shows how white text looks on a background with the Yxy color 53.8438, 0.2762, 0.3276.

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

53.8438, 0.2762, 0.3276

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

53.5932, 0.3130, 0.3066



Tritanopia

53.8510, 0.2700, 0.3086

Trichromacy



Original Color

53.8438, 0.2762, 0.3276

Protanomaly

53.3533, 0.2974, 0.3239

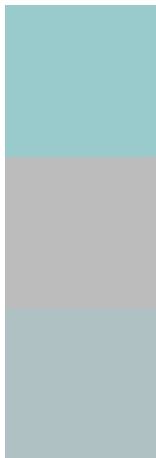
Deuteranomaly

53.1610, 0.2985, 0.3130

Tritanomaly

53.9631, 0.2725, 0.3161

Monochromacy



Original Color

53.8438, 0.2762, 0.3276

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1489, 0.2978, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8438, 0.2762, 0.3276 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(153, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 203, 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(153, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 203, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.8438, 0.2762, 0.3276 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(153, 203, 204) }
```

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

```
.border{ border-color:rgb(153, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 203,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8438, 0.2762, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 203, 204) }
```

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

```
.background{ background-color: rgb(153,  
203, 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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