

Converting Colors

$Yxy(53.0560, 0.2789, 0.3281)$

Have a look what the booklet for
Yxy(53.0560, 0.2789, 0.3281)
contains.

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Color

Yxy(53.0061, 0.2785, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	9BC9CA
RGB	155, 201, 202
RGB Percent	61%, 79%, 79%
CMY	0.3922, 0.2117, 0.2078
CMYK	0.23, 0.00, 0.00, 0.21
HSL	181°, 31%, 70%
HSV	181°, 23%, 79%
XYZ	45.0617, 53.0061, 63.7335
YIQ	187.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

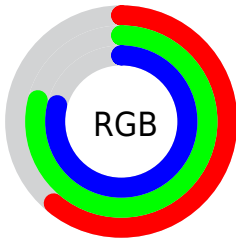
Format	Color
RYB	155, 178, 202
Decimal	10209738
CIELab	77.88, -14.77, -5.44
CIELCh	78, 15.744, 200.221
Yxy	53.0061, 0.2785, 0.3276
Android (android.graphics.Color)	4288399818 (0xFF9BC9CA)
YUV	187.3600, 7.2175, -28.3797
Hunter-Lab	72.8053, -16.9296, -0.9386

Details

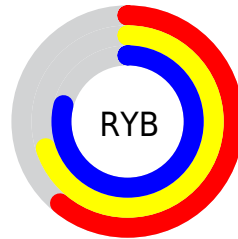
The Yxy color **53.0061, 0.2785, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6904, 0.3600, 0.3304**, and the grayscale version is **49.8769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **25.8303, 0.2692, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **50.9757, 0.2656, 0.3269**, and if you desaturate by 10%, it is **55.3757, 0.2926, 0.3282**.

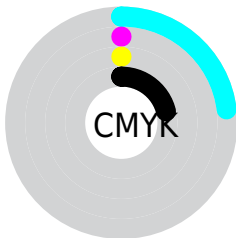
Distribution



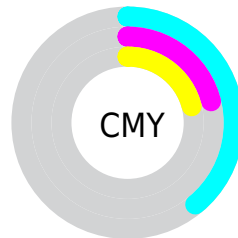
- Red (61%)
- Green (79%)
- Blue (79%)



- Red (61%)
- Yellow (70%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0061, 0.2785, 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 53.0061, 0.2785, 0.3276 by changing the saturation by 10% instead.


 53.0061, 0.2785,
0.3276


 53.0061, 0.2785,
0.3276


398.3085, 0.2951,
0.3285

 37.8076, 0.2745,
0.3273


 94.6133, 0.2844,
0.3280

 25.8334, 0.2695,
0.3269


 121.7909, 0.2867,
0.3281

 16.6991, 0.2629,
0.3264


153.7303, 0.2886,
0.3282

 10.0202, 0.2540,
0.3255

190.8159, 0.2902,
0.3283

 5.4123, 0.2413,
0.3241

233.4322, 0.2917,
0.3283

 2.4912, 0.2217,
0.3213

281.9634, 0.2930,

 0.8722, 0.1723,

0.3284

0.3208

336.7941, 0.2941,
0.3285

0.0000, 0.0000,
0.0000

53.0061, 0.2785,
0.3276

53.0061, 0.2785,
0.3276

50.9757, 0.2656,
0.3269

55.3757, 0.2926,
0.3282

49.2614, 0.2541,
0.3263

58.0934, 0.3076,
0.3288

47.8473, 0.2443,
0.3255

61.1760, 0.3233,
0.3294

46.7135, 0.2364,
0.3248

64.6370, 0.3392,
0.3299

45.8378, 0.2303,
0.3241

68.3032, 0.3544,
0.3303

■ 45.1945, 0.2262,
0.3234

■ 68.5051, 0.3543,
0.3307

■ 44.7529, 0.2238,
0.3227

■ 68.7076, 0.3542,
0.3312

■ 44.5319, 0.2229,
0.3223

■ 68.9107, 0.3541,
0.3316

■ 69.1143, 0.3541,
0.3320

Harmonies

Analogous

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



53.0061, 0.2934, 0.3471



53.0061, 0.2785, 0.3276



53.0061, 0.2726, 0.3093

Triad

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



53.0061, 0.2785, 0.3276



53.0061, 0.3106, 0.2991



53.0061, 0.3494, 0.3605

Complementary

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



53.0061, 0.2785, 0.3276



38.6904, 0.3600, 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.



53.0061, 0.3546, 0.3465



53.0061, 0.2785, 0.3276



53.0061, 0.3317, 0.3117

Square

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



53.0061, 0.2785, 0.3276



53.0061, 0.2906, 0.2937



53.0061, 0.3480, 0.3288



53.0061, 0.3343, 0.3663

Rectangle

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



53.0061, 0.2785, 0.3276



53.0061, 0.2743, 0.3004



53.0061, 0.3480, 0.3288



53.0061, 0.3524, 0.3565

Sweetspot

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



53.0083, 0.2785, 0.3276



96.5301, 0.3018, 0.3286



51.6007, 0.3091, 0.3928



20.6005, 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.



53.0083, 0.2785, 0.3276



87.9228, 0.2717, 0.3273



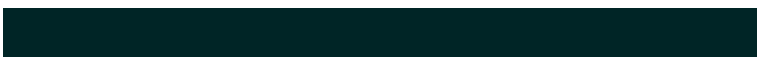
42.9552, 0.2760, 0.2961



12.6848, 0.2984, 0.3285



28.6728, 0.2229, 0.3224



1.4924, 0.2233, 0.3237

Inverse Universe

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



40.2101, 0.3163, 0.2728



62.4983, 0.3171, 0.2604



47.2730, 0.3535, 0.3598



11.3995, 0.3141, 0.3066



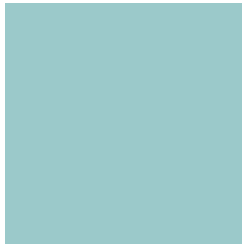
10.6975, 0.3262, 0.1571



0.5532, 0.3251, 0.1565

Previews

White Background



This preview shows how the Yxy color 53.0061, 0.2785, 0.3276 looks on a white background.

Color Contrast Check

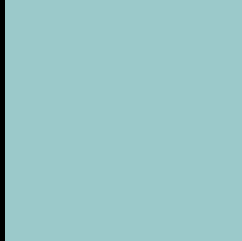
Large Text (above 18pt) WCAG AA × Fail

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 53.0061, 0.2785, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

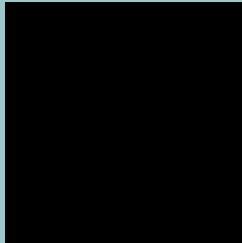
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

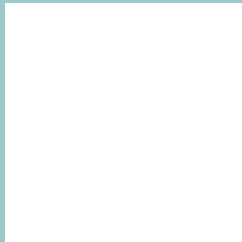
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0061, 0.2785, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 53.0061, 0.2785, 0.3276.



This preview shows how white text looks on a background with the Yxy color 53.0061, 0.2785, 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

53.0061, 0.2785, 0.3276

Protanopia

52.7165, 0.3114, 0.3229

Deuteranopia

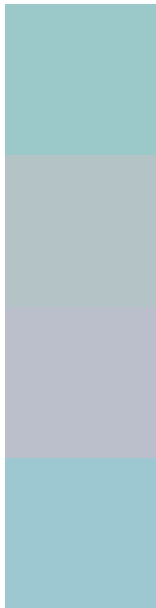
52.5047, 0.3138, 0.3065



Tritanopia

53.0222, 0.2722, 0.3085

Trichromacy



Original Color

53.0061, 0.2785, 0.3276

Protanomaly

52.8107, 0.2988, 0.3252

Deuteranomaly

52.1860, 0.2999, 0.3129

Tritanomaly

53.1298, 0.2748, 0.3160

Monochromacy



Original Color

53.0061, 0.2785, 0.3276

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6190, 0.2992, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0061, 0.2785, 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(155, 201, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 202)  
}
```

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(155, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.0061, 0.2785, 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(155, 201, 202) }
```

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

```
.border{ border-color:rgb(155, 201, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 201,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0061, 0.2785, 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(155, 201, 202) }
```

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

```
.background{ background-color: rgb(155,  
201, 202) }
```

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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