

Converting Colors

$Yxy(53.3353, 0.2813, 0.3224)$

Have a look what the booklet for
Yxy(53.3353, 0.2813, 0.3224)
contains.

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Color

Yxy(53.3977, 0.2813, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	A2C8CD
RGB	162, 200, 205
RGB Percent	64%, 78%, 80%
CMY	0.3646, 0.2157, 0.1961
CMYK	0.21, 0.02, 0.00, 0.20
HSL	187°, 30%, 72%
HSV	187°, 21%, 80%
XYZ	46.5760, 53.3977, 65.6005
YIQ	189.2080, -24.2530, -6.5010

Conversions

Conversions Part 2

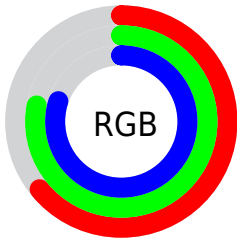
Format	Color
RYB	162, 182, 205
Decimal	10668237
CIELab	78.11, -11.45, -6.66
CIELCh	78, 13.245, 210.197
Yxy	53.3977, 0.2813, 0.3225
Android (android.graphics.Color)	4288858317 (0xFFA2C8CD)
YUV	189.2080, 7.7855, -23.8614
Hunter-Lab	73.0737, -14.1059, -2.0748

Details

The Yxy color **53.3977, 0.2813, 0.3225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2285, 0.3532, 0.3354**, and the grayscale version is **50.9822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **26.0433, 0.2725, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **50.3313, 0.2675, 0.3190**, and if you desaturate by 10%, it is **56.8356, 0.2960, 0.3257**.

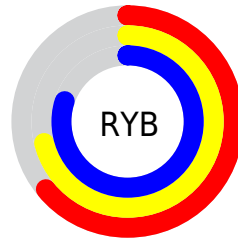
Distribution



Red (64%)

Green (78%)

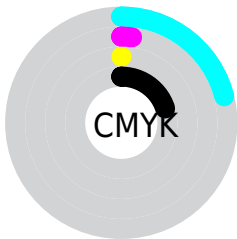
Blue (80%)



Red (64%)

Yellow (71%)

Blue (80%)

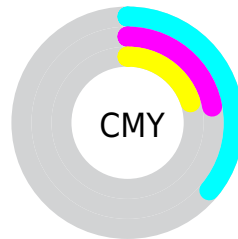


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (36%)


Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3977, 0.2813, 0.3225 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 53.3977, 0.2813, 0.3225 by changing the saturation by 10% instead.


 53.3977, 0.2813,
0.3225

 53.3977, 0.2813,
0.3225


399.8091, 0.2965,
0.3259

 38.1203, 0.2776,
0.3216


 95.1893, 0.2867,
0.3237

 26.0761, 0.2730,
0.3205


 122.4724, 0.2888,
0.3242

 16.8806, 0.2670,
0.3190


154.5261, 0.2905,
0.3246

 10.1494, 0.2589,
0.3168

191.7350, 0.2921,
0.3249

 5.4981, 0.2473,
0.3135

234.4833, 0.2934,
0.3252

 2.5424, 0.2295,
0.3079

283.1555, 0.2946,

 0.8978, 0.1914,

0.3255

0.2994

338.1359, 0.2956,
0.3257

0.0000, 0.0000,
0.0000

53.3977, 0.2813,
0.3225

53.3977, 0.2813,
0.3225

50.3313, 0.2675,
0.3190

56.8356, 0.2960,
0.3257

47.6127, 0.2548,
0.3153

60.6542, 0.3112,
0.3287

45.2259, 0.2436,
0.3114

64.8707, 0.3268,
0.3314

43.1505, 0.2340,
0.3075

69.4991, 0.3423,
0.3339

41.3641, 0.2264,
0.3034

72.7026, 0.3504,
0.3362

■ 39.8410, 0.2206,
0.2994

■ 73.9002, 0.3499,
0.3386

■ 38.5505, 0.2167,
0.2953

■ 75.1155, 0.3495,
0.3410

■ 37.5338, 0.2144,
0.2917

■ 76.3484, 0.3490,
0.3434

■ 77.5991, 0.3485,
0.3458

Harmonies

Analogous

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



53.3977, 0.2916, 0.3390



53.3977, 0.2813, 0.3225



53.3977, 0.2791, 0.3085

Triad

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



53.3977, 0.2813, 0.3225



53.3977, 0.3170, 0.3067



53.3977, 0.3401, 0.3580

Complementary

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



53.3977, 0.2813, 0.3225



43.2285, 0.3532, 0.3354

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.



53.3977, 0.3474, 0.3483



53.3977, 0.2813, 0.3225



53.3977, 0.3339, 0.3190

Square

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



53.3977, 0.2813, 0.3225



53.3977, 0.2994, 0.2999



53.3977, 0.3452, 0.3341



53.3977, 0.3255, 0.3599

Rectangle

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



53.3977, 0.2813, 0.3225



53.3977, 0.2826, 0.3023



53.3977, 0.3452, 0.3341



53.3977, 0.3435, 0.3555

Sweetspot

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



53.3999, 0.2813, 0.3225



96.0849, 0.3034, 0.3272



54.1054, 0.3071, 0.3807



20.4780, 0.3024, 0.3270



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.



53.3999, 0.2813, 0.3225



85.2182, 0.2751, 0.3210



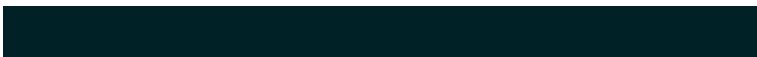
44.4155, 0.2794, 0.2949



12.4960, 0.2983, 0.3262



23.4597, 0.2145, 0.2923



1.2748, 0.2167, 0.3001

Inverse Universe

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



42.9969, 0.3194, 0.2830



65.3833, 0.3210, 0.2733



51.4688, 0.3480, 0.3609



11.3804, 0.3155, 0.3088



10.1713, 0.3523, 0.1714



0.5312, 0.3453, 0.1676

Previews

White Background



This preview shows how the Yxy color 53.3977, 0.2813, 0.3225 looks on a white background.

Color Contrast Check

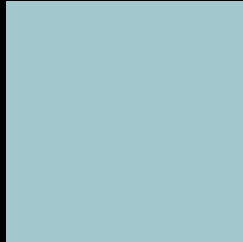
Large Text (above 18pt) WCAG AA × Fail

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 53.3977, 0.2813, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

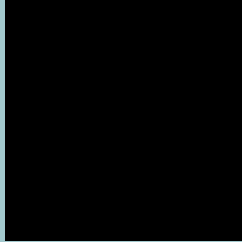
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

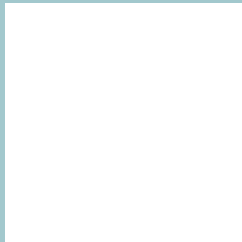
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3977, 0.2813, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 53.3977, 0.2813, 0.3225.



This preview shows how white text looks on a background with the Yxy color 53.3977, 0.2813, 0.3225.

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

53.3977, 0.2813, 0.3225

Protanopia

53.3387, 0.3084, 0.3192

Deuteranopia

53.0739, 0.3114, 0.3042



Tritanopia

53.5944, 0.2769, 0.3100

Trichromacy



Original Color

53.3977, 0.2813, 0.3225

Protanomaly

53.2396, 0.2975, 0.3202

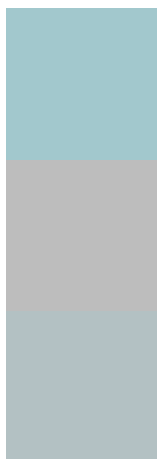
Deuteranomaly

53.0231, 0.2994, 0.3106

Tritanomaly

53.3365, 0.2781, 0.3136

Monochromacy



Original Color

53.3977, 0.2813, 0.3225

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6638, 0.3002, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3977, 0.2813, 0.3225 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(162, 200, 205)` looks like.

```
.text, #text, p{  
    color:rgb(162, 200, 205)  
}
```

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(162, 200, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 200, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.3977, 0.2813, 0.3225 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(162, 200, 205) }
```

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

```
.border{ border-color:rgb(162, 200, 205) }
```

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

Here you see how a box with a 4 pixel rgb(162, 200, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 200, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 200, 205);  
box-shadow:4px 4px 4px 4px rgb(162, 200,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3977, 0.2813, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 200, 205) }
```

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

```
.background{ background-color: rgb(162,  
200, 205) }
```

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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