

Converting Colors

$Yxy(53.5397, 0.2761, 0.3267)$

Have a look what the booklet for
Yxy(53.5397, 0.2761, 0.3267)
contains.

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Color

Yxy(53.3730, 0.2761, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	99CACC
RGB	153, 202, 204
RGB Percent	60%, 79%, 80%
CMY	0.3998, 0.2079, 0.2001
CMYK	0.25, 0.01, 0.00, 0.20
HSL	182°, 33%, 70%
HSV	182°, 25%, 80%
XYZ	45.1618, 53.3730, 65.0356
YIQ	187.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

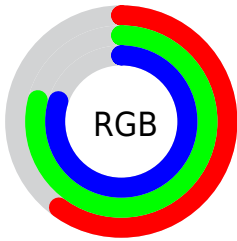
Format	Color
R _{YB}	153, 178, 204
Decimal	10078924
CIE Lab	78.09, -15.42, -6.20
CIE LCh	78, 16.617, 201.911
Yxy	53.3730, 0.2761, 0.3263
Android (android.graphics.Color)	4288269004 (0xFF99CACC)
YUV	187.5770, 8.0965, -30.3240
Hunter-Lab	73.0568, -17.5055, -1.6405

Details

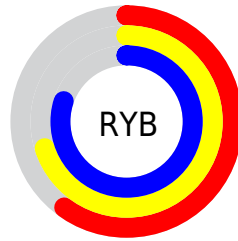
The Yxy color **53.3730, 0.2761, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5923, 0.3642, 0.3317**, and the grayscale version is **50.0092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.0911, 0.2662, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **51.1839, 0.2633, 0.3251**, and if you desaturate by 10%, it is **55.9076, 0.2901, 0.3274**.

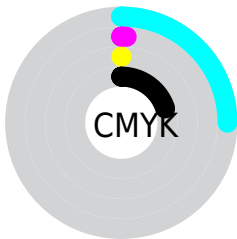
Distribution



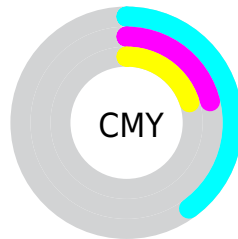
- Red (60%)
- Green (79%)
- Blue (80%)



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



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (40%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3730, 0.2761, 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 53.3730, 0.2761, 0.3263 by changing the saturation by 10% instead.

 53.3730, 0.2761,
0.3263


 53.3730, 0.2761,
0.3263


399.7145, 0.2938,
0.3279

 38.1006, 0.2719,
0.3259

 95.1530, 0.2824,
0.3269

 26.0608, 0.2665,
0.3252

 122.4294, 0.2848,
0.3271

 16.8691, 0.2595,
0.3244


154.4760, 0.2869,
0.3273

 10.1412, 0.2501,
0.3231

191.6770, 0.2886,
0.3275

 5.4927, 0.2367,
0.3210

234.4170, 0.2902,
0.3276

 2.5391, 0.2162,
0.3172

283.0804, 0.2915,

 0.8962, 0.1666,

0.3277

0.3141

338.0514, 0.2927,
0.3278

0.0000, 0.0000,
0.0000

53.3730, 0.2761,
0.3263

53.3730, 0.2761,
0.3263

51.1839, 0.2633,
0.3251

55.9076, 0.2901,
0.3274

49.3167, 0.2519,
0.3238

58.7974, 0.3051,
0.3285

47.7547, 0.2422,
0.3225

62.0594, 0.3206,
0.3295

46.4772, 0.2344,
0.3212

65.7079, 0.3364,
0.3304

45.4610, 0.2285,
0.3199

69.7477, 0.3523,
0.3312

■ 44.6790, 0.2244,
0.3186

■ 70.1316, 0.3521,
0.3320

■ 44.0983, 0.2221,
0.3173

■ 70.5173, 0.3520,
0.3328

■ 43.8512, 0.2213,
0.3167

■ 70.9050, 0.3518,
0.3336

■ 71.2947, 0.3517,
0.3344

Harmonies

Analogous

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



53.3730, 0.2913, 0.3470



53.3730, 0.2761, 0.3263



53.3730, 0.2705, 0.3073

Triad

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



53.3730, 0.2761, 0.3263



53.3730, 0.3117, 0.2982



53.3730, 0.3507, 0.3627

Complementary

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



53.3730, 0.2761, 0.3263



38.5923, 0.3642, 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.



53.3730, 0.3569, 0.3484



53.3730, 0.2761, 0.3263



53.3730, 0.3339, 0.3118

Square

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



53.3730, 0.2761, 0.3263



53.3730, 0.2905, 0.2920



53.3730, 0.3506, 0.3298



53.3730, 0.3343, 0.3684

Rectangle

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



53.3730, 0.2761, 0.3263



53.3730, 0.2727, 0.2982



53.3730, 0.3506, 0.3298



53.3730, 0.3541, 0.3587

Sweetspot

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



53.3752, 0.2761, 0.3263



96.3271, 0.3018, 0.3283



52.3124, 0.3083, 0.3969



20.5533, 0.3009, 0.3282



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.



53.3752, 0.2761, 0.3263



86.3760, 0.2690, 0.3257



42.5095, 0.2731, 0.2922



12.6491, 0.2984, 0.3280



27.6393, 0.2214, 0.3169



1.4497, 0.2221, 0.3194

Inverse Universe

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



39.8989, 0.3174, 0.2697



60.3295, 0.3185, 0.2568



47.8658, 0.3567, 0.3632



11.3959, 0.3144, 0.3070



10.5932, 0.3308, 0.1596



0.5489, 0.3287, 0.1585

Previews

White Background



This preview shows how the Yxy color 53.3730, 0.2761, 0.3263 looks on a white background.

Color Contrast Check

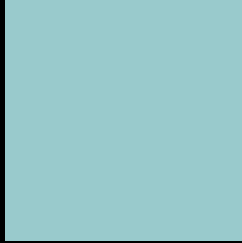
Large Text (above 18pt) WCAG AA × Fail

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 53.3730, 0.2761, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

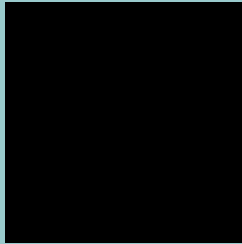
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

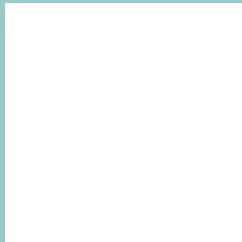
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3730, 0.2761, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 53.3730, 0.2761, 0.3263.



This preview shows how white text looks on a background with the Yxy color 53.3730, 0.2761, 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

53.3730, 0.2761, 0.3263

Protanopia

52.8082, 0.3099, 0.3204

Deuteranopia

53.0248, 0.3122, 0.3054



Tritanopia

53.3343, 0.2705, 0.3085

Trichromacy



Original Color

53.3730, 0.2761, 0.3263

Protanomaly

52.7841, 0.2967, 0.3227

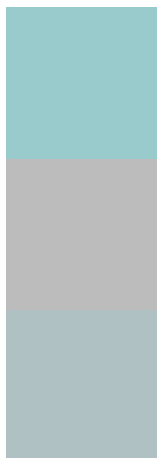
Deuteranomaly

52.5946, 0.2978, 0.3117

Tritanomaly

53.4953, 0.2724, 0.3148

Monochromacy



Original Color

53.3730, 0.2761, 0.3263

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 53.3730, 0.2761, 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(153, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 202, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.3730, 0.2761, 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(153, 202, 204) }
```

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

```
.border{ border-color:rgb(153, 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(153, 202, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 202,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3730, 0.2761, 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(153, 202, 204) }
```

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

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