

Converting Colors

$Yxy(53.3126, 0.2695, 0.3130)$

Have a look what the booklet for
Yxy(53.3126, 0.2695, 0.3130)
contains.

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Color

Yxy(53.2528, 0.2698, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	98C9D5
RGB	152, 201, 213
RGB Percent	60%, 79%, 84%
CMY	0.4040, 0.2117, 0.1646
CMYK	0.29, 0.06, 0.00, 0.16
HSL	192°, 42%, 72%
HSV	192°, 29%, 84%
XYZ	45.8443, 53.2528, 70.8225
YIQ	187.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

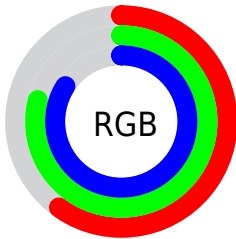
Format	Color
R _{YB}	152, 179, 213
Decimal	10013141
CIE _{Lab}	78.02, -13.16, -11.18
CIE _{LCh}	78, 17.263, 220.351
Yxy	53.2528, 0.2698, 0.3134
Android (android.graphics.Color)	4288203221 (0xFF98C9D5)
YUV	187.7170, 12.4645, -31.3238
Hunter-Lab	72.9745, -15.5675, -6.4594

Details

The Yxy color **53.2528, 0.2698, 0.3134** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9623, 0.3714, 0.3440**, and the grayscale version is **50.0621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **25.9887, 0.2591, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **49.4535, 0.2561, 0.3071**, and if you desaturate by 10%, it is **57.4788, 0.2843, 0.3193**.

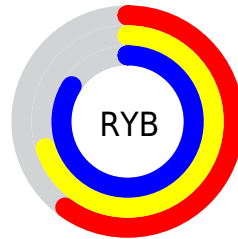
Distribution



Red (60%)

Green (79%)

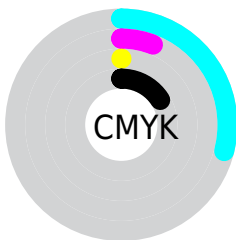
Blue (84%)



Red (60%)

Yellow (70%)

Blue (84%)

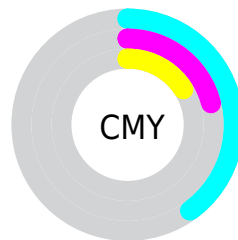


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2528, 0.2698, 0.3134 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 53.2528, 0.2698, 0.3134 by changing the saturation by 10% instead.

■ 53.2528, 0.2698,
0.3134

■ 53.2528, 0.2698,
0.3134

■ 399.2543, 0.2905,
0.3213

■ 38.0046, 0.2649,
0.3114

■ 94.9763, 0.2771,
0.3163

■ 25.9863, 0.2587,
0.3088

■ 122.2203, 0.2799,
0.3174

■ 16.8134, 0.2507,
0.3053

■ 154.2318, 0.2823,
0.3183

■ 10.1015, 0.2399,
0.3005

■ 191.3951, 0.2844,
0.3191

■ 5.4663, 0.2247,
0.2932

■ 234.0946, 0.2862,
0.3198

■ 2.5234, 0.2017,
0.2814

■ 282.7147, 0.2878,

■ 0.8883, 0.1542,

0.3204

0.2619

337.6398, 0.2892,
0.3209

0.0000, 0.0000,
0.0000

53.2528, 0.2698,
0.3134

53.2528, 0.2698,
0.3134

49.4535, 0.2561,
0.3071

57.4788, 0.2843,
0.3193

46.0542, 0.2437,
0.3004

62.1438, 0.2994,
0.3247

43.0352, 0.2327,
0.2935

67.2674, 0.3148,
0.3296

40.3719, 0.2235,
0.2864

72.8660, 0.3302,
0.3341

38.0367, 0.2161,
0.2792

78.2874, 0.3428,
0.3381

■ 35.9969, 0.2108,
0.2720

■ 80.5411, 0.3421,
0.3423

■ 34.2025, 0.2071,
0.2649

■ 82.8505, 0.3414,
0.3464

■ 33.9699, 0.2067,
0.2640

■ 85.2160, 0.3407,
0.3506

■ 87.6380, 0.3401,
0.3546

Harmonies

Analogous

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



53.2528, 0.2797, 0.3346



53.2528, 0.2698, 0.3134



53.2528, 0.2708, 0.2976

Triad

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



53.2528, 0.2698, 0.3134



53.2528, 0.3261, 0.3049



53.2528, 0.3427, 0.3690

Complementary

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



53.2528, 0.2698, 0.3134



42.9623, 0.3714, 0.3440

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.



53.2528, 0.3562, 0.3591



53.2528, 0.2698, 0.3134



53.2528, 0.3465, 0.3223

Square

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



53.2528, 0.2698, 0.3134



53.2528, 0.3027, 0.2935



53.2528, 0.3576, 0.3419



53.2528, 0.3215, 0.3678

Rectangle

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



53.2528, 0.2698, 0.3134



53.2528, 0.2776, 0.2919



53.2528, 0.3576, 0.3419



53.2528, 0.3483, 0.3668

Sweetspot

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



53.2549, 0.2698, 0.3134



93.0569, 0.2988, 0.3245



56.9202, 0.3018, 0.3960



19.6893, 0.2965, 0.3237



0.0000, 0.0000, 0.0000



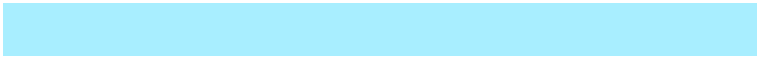
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2549, 0.2698, 0.3134



76.6928, 0.2619, 0.3099



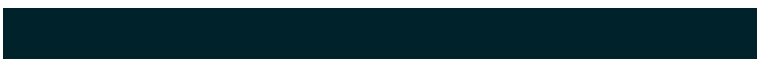
40.7213, 0.2656, 0.2732



13.6733, 0.2983, 0.3243



20.8927, 0.2070, 0.2650



1.3685, 0.2104, 0.2773

Inverse Universe

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



40.8164, 0.3268, 0.2711



55.5458, 0.3303, 0.2594



54.8596, 0.3616, 0.3791



12.5889, 0.3167, 0.3105



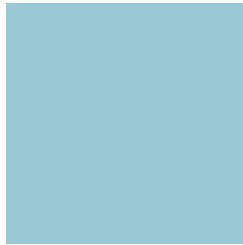
10.4540, 0.3776, 0.1854



0.6415, 0.3660, 0.1790

Previews

White Background



This preview shows how the Yxy color 53.2528, 0.2698, 0.3134 looks on a white background.

Color Contrast Check

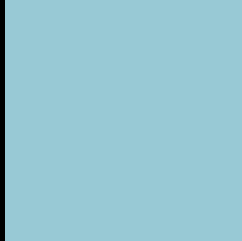
Large Text (above 18pt) WCAG AA × Fail

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 53.2528, 0.2698, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

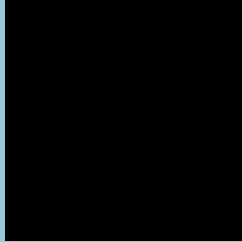
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

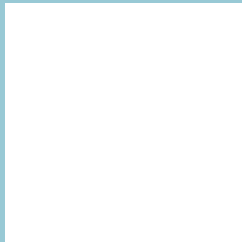
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2528, 0.2698, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 53.2528, 0.2698, 0.3134.



This preview shows how white text looks on a background with the Yxy color 53.2528, 0.2698, 0.3134.

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

53.2528, 0.2698, 0.3134

Protanopia

52.8430, 0.3009, 0.3095

Deuteranopia

52.7779, 0.3015, 0.2947



Tritanopia

53.0906, 0.2679, 0.3071

Trichromacy



Original Color

53.2528, 0.2698, 0.3134

Protanomaly

52.9808, 0.2890, 0.3115

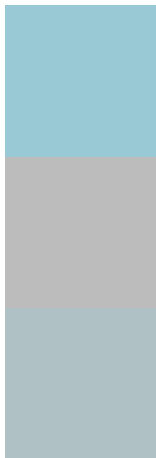
Deuteranomaly

52.6729, 0.2892, 0.3008

Tritanomaly

53.0387, 0.2685, 0.3084

Monochromacy



Original Color

53.2528, 0.2698, 0.3134

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2851, 0.2957, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2528, 0.2698, 0.3134 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(152, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(152, 201, 213)  
}
```

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(152, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.2528, 0.2698, 0.3134 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(152, 201, 213) }
```

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

```
.border{ border-color:rgb(152, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(152, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2528, 0.2698, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 201, 213) }
```

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

```
.background{ background-color: rgb(152,  
201, 213) }
```

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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