

Converting Colors

$Yxy(54.0970, 0.2739, 0.3218)$

Have a look what the booklet for
Yxy(54.0970, 0.2739, 0.3218)
contains.

Yxy(54.1360, 0.2744, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1360, 0.2744, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	9ACBD0
RGB	154, 203, 208
RGB Percent	60%, 80%, 82%
CMY	0.3959, 0.2040, 0.1843
CMYK	0.26, 0.02, 0.00, 0.18
HSL	186°, 36%, 71%
HSV	186°, 26%, 82%
XYZ	46.0760, 54.1360, 67.7036
YIQ	188.9190, -30.8090, -8.8330

Conversions

Conversions Part 2

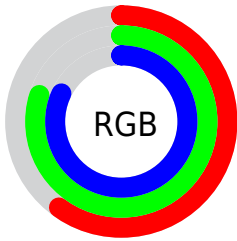
Format	Color
RYB	154, 180, 208
Decimal	10144720
CIELab	78.54, -14.72, -7.70
CIElCh	79, 16.618, 207.618
Yxy	54.1360, 0.2744, 0.3224
Android (android.graphics.Color)	4288334800 (0xFF9ACBD0)
YUV	188.9190, 9.4069, -30.6240
Hunter-Lab	73.5772, -16.9784, -3.0529

Details

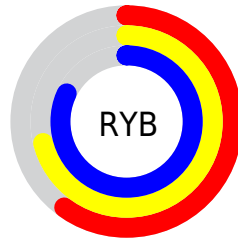
The Yxy color **54.1360, 0.2744, 0.3224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5693, 0.3660, 0.3355**, and the grayscale version is **50.8058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **26.5947, 0.2641, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **51.3613, 0.2613, 0.3195**, and if you desaturate by 10%, it is **57.2802, 0.2886, 0.3251**.

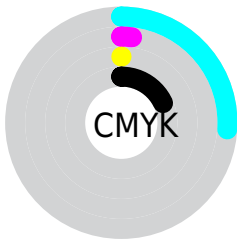
Distribution



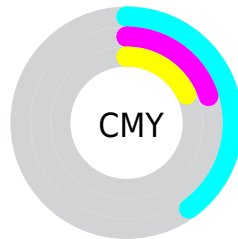
- Red (60%)
- Green (80%)
- Blue (82%)



- Red (60%)
- Yellow (71%)
- Blue (82%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)





- Cyan (40%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1360, 0.2744, 0.3224 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 54.1360, 0.2744, 0.3224 by changing the saturation by 10% instead.


 54.1360, 0.2744,
0.3224


 54.1360, 0.2744,
0.3224


402.6284, 0.2929,
0.3259

 38.7104, 0.2700,
0.3215


 96.2739, 0.2810,
0.3237

 26.5345, 0.2645,
0.3203


 123.7550, 0.2835,
0.3242

 17.2239, 0.2573,
0.3186


156.0234, 0.2856,
0.3246

 10.3943, 0.2476,
0.3163

193.4634, 0.2874,
0.3249

 5.6612, 0.2339,
0.3126

236.4596, 0.2891,
0.3252

 2.6402, 0.2131,
0.3064

285.3962, 0.2905,

 0.9469, 0.1691,

0.3255

0.2969

340.6577, 0.2917,
0.3257

0.0000, 0.0000,
0.0000

54.1360, 0.2744,
0.3224

54.1360, 0.2744,
0.3224

51.3613, 0.2613,
0.3195

57.2802, 0.2886,
0.3251

48.9313, 0.2495,
0.3165

60.8043, 0.3036,
0.3276

46.8282, 0.2394,
0.3134

64.7264, 0.3190,
0.3299

45.0301, 0.2311,
0.3102

69.0615, 0.3347,
0.3320

43.5121, 0.2246,
0.3069

73.2385, 0.3480,
0.3339

■ 42.2454, 0.2201,
0.3037

■ 74.2163, 0.3476,
0.3358

■ 41.1940, 0.2173,
0.3006

■ 75.2058, 0.3473,
0.3378

■ 40.8013, 0.2165,
0.2993

■ 76.2069, 0.3469,
0.3397

■ 77.2199, 0.3466,
0.3417

Harmonies

Analogous

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



54.1360, 0.2879, 0.3432



54.1360, 0.2744, 0.3224



54.1360, 0.2708, 0.3045

Triad

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



54.1360, 0.2744, 0.3224



54.1360, 0.3160, 0.3004



54.1360, 0.3481, 0.3644

Complementary

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



54.1360, 0.2744, 0.3224



40.5693, 0.3660, 0.3355

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.



54.1360, 0.3564, 0.3515



54.1360, 0.2744, 0.3224



54.1360, 0.3376, 0.3150

Square

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



54.1360, 0.2744, 0.3224



54.1360, 0.2943, 0.2927



54.1360, 0.3526, 0.3335



54.1360, 0.3303, 0.3680

Rectangle

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



54.1360, 0.2744, 0.3224



54.1360, 0.2744, 0.2964



54.1360, 0.3526, 0.3335



54.1360, 0.3521, 0.3609

Sweetspot

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



54.1382, 0.2744, 0.3224



95.1287, 0.3003, 0.3271



54.4816, 0.3063, 0.3963



20.1753, 0.2980, 0.3267



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.



54.1382, 0.2744, 0.3224



83.3596, 0.2671, 0.3209



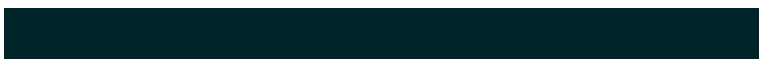
42.6919, 0.2711, 0.2868



13.2111, 0.2983, 0.3268



25.5019, 0.2166, 0.2998



1.4820, 0.2182, 0.3056

Inverse Universe

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



40.8524, 0.3202, 0.2705



59.0462, 0.3220, 0.2582



50.6672, 0.3580, 0.3678



11.9893, 0.3152, 0.3082



10.6457, 0.3456, 0.1678



0.6009, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 54.1360, 0.2744, 0.3224 looks on a white background.

Color Contrast Check

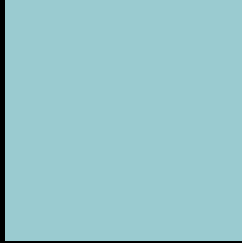
Large Text (above 18pt) WCAG AA × Fail

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 54.1360, 0.2744, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

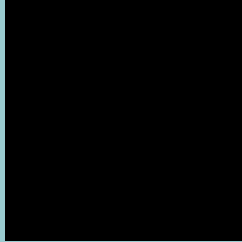
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

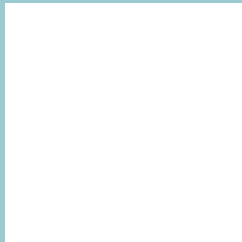
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1360, 0.2744, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 54.1360, 0.2744, 0.3224.



This preview shows how white text looks on a background with the Yxy color 54.1360, 0.2744, 0.3224.

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

54.1360, 0.2744, 0.3224

Protanopia

54.0063, 0.3077, 0.3181

Deuteranopia

53.6487, 0.3091, 0.3020



Tritanopia

53.9032, 0.2694, 0.3073

Trichromacy



Original Color

54.1360, 0.2744, 0.3224

Protanomaly

53.9954, 0.2947, 0.3202

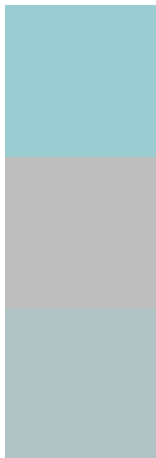
Deuteranomaly

53.2322, 0.2950, 0.3082

Tritanomaly

54.0647, 0.2713, 0.3135

Monochromacy



Original Color

54.1360, 0.2744, 0.3224

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7992, 0.2972, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1360, 0.2744, 0.3224 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(154, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 208)  
}
```

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(154, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.1360, 0.2744, 0.3224 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(154, 203, 208) }
```

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

```
.border{ border-color:rgb(154, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 203, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 203, 208); box-shadow:4px 4px 4px 4px rgb(154, 203, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1360, 0.2744, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 203, 208) }
```

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

```
.background{ background-color: rgb(154,  
203, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor