

Converting Colors

$Yxy(52.4510, 0.2847, 0.3604)$

Have a look what the booklet for
Yxy(52.4510, 0.2847, 0.3604)
contains.

Yxy(52.4512, 0.2847, 0.3604)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4512, 0.2847, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	90CCB5
RGB	144, 204, 181
RGB Percent	56%, 80%, 71%
CMY	0.4353, 0.2000, 0.2902
CMYK	0.29, 0.00, 0.11, 0.20
HSL	157°, 37%, 68%
HSV	157°, 29%, 80%
XYZ	41.4341, 52.4512, 51.6508
YIQ	183.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

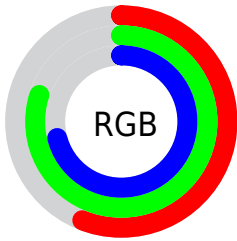
Format	Color
RYB	144, 181, 204
Decimal	9489589
CIELab	77.55, -24.11, 5.31
CIElCh	78, 24.691, 167.574
Yxy	52.4512, 0.2847, 0.3604
Android (android.graphics.Color)	4287679669 (0xFF90CCB5)
YUV	183.4380, -1.2019, -34.5871
Hunter-Lab	72.4232, -24.6188, 8.4118

Details

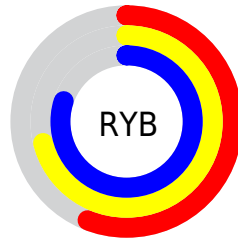
The Yxy color **52.4512, 0.2847, 0.3604** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.5758, 0.3527, 0.2998**, and the grayscale version is **47.6262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7765, 0.2893, 0.3481**, and **25.5954, 0.2768, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **50.4671, 0.2766, 0.3731**, and if you desaturate by 10%, it is **54.7896, 0.2937, 0.3487**.

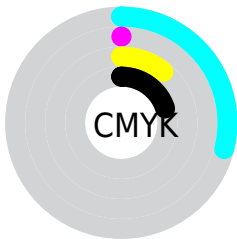
Distribution



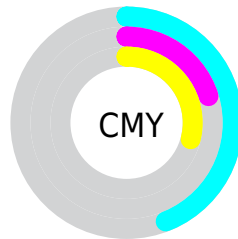
- Red (56%)
- Green (80%)
- Blue (71%)



- Red (56%)
- Yellow (71%)
- Blue (80%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4512, 0.2847, 0.3604 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 52.4512, 0.2847, 0.3604 by changing the saturation by 10% instead.

 52.4512, 0.2847,
0.3604


 52.4512, 0.2847,
0.3604


396.1760, 0.2986,
0.3447

 37.3648, 0.2813,
0.3643


 93.7963, 0.2897,
0.3547

 25.4901, 0.2769,
0.3694


 120.8239, 0.2916,
0.3525

 16.4426, 0.2711,
0.3761


152.6006, 0.2932,
0.3507

 9.8379, 0.2631,
0.3855

189.5110, 0.2946,
0.3492

 5.2916, 0.2514,
0.3995

231.9393, 0.2958,
0.3478

 2.4193, 0.2325,
0.4228

280.2700, 0.2968,

 0.8358, 0.1302,

0.3467

0.5289

334.8874, 0.2977,
0.3456

0.0000, 0.0000,
0.0000

52.4512, 0.2847,
0.3604

52.4512, 0.2847,
0.3604

50.4671, 0.2766,
0.3731

54.7896, 0.2937,
0.3487

48.8126, 0.2696,
0.3867

57.4926, 0.3034,
0.3381

47.4700, 0.2642,
0.4010

60.5781, 0.3133,
0.3285

46.4173, 0.2605,
0.4157

64.0609, 0.3234,
0.3199

45.6293, 0.2588,
0.4307

67.9550, 0.3334,
0.3123

■ 45.0766, 0.2591,
0.4455

■ 70.0460, 0.3345,
0.3049

■ 44.7078, 0.2612,
0.4600

■ 70.4904, 0.3287,
0.2973

■ 44.6882, 0.2613,
0.4608

■ 70.9546, 0.3231,
0.2898

■ 71.4391, 0.3175,
0.2825

Harmonies

Analogous

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



52.4512, 0.3167, 0.3828



52.4512, 0.2847, 0.3604



52.4512, 0.2610, 0.3289

Triad

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



52.4512, 0.2847, 0.3604



52.4512, 0.2757, 0.2745



52.4512, 0.3788, 0.3530

Complementary

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



52.4512, 0.2847, 0.3604



35.5758, 0.3527, 0.2998

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.



52.4512, 0.3669, 0.3256



52.4512, 0.2847, 0.3604



52.4512, 0.3059, 0.2819

Square

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



52.4512, 0.2847, 0.3604



52.4512, 0.2561, 0.2803



52.4512, 0.3396, 0.3002



52.4512, 0.3719, 0.3762

Rectangle

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



52.4512, 0.2847, 0.3604



52.4512, 0.2525, 0.3085



52.4512, 0.3396, 0.3002



52.4512, 0.3769, 0.3440

Sweetspot

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



52.4534, 0.2847, 0.3604



95.3501, 0.3036, 0.3378



53.5269, 0.3271, 0.4093



20.2587, 0.3022, 0.3393



0.0000, 0.0000, 0.0000



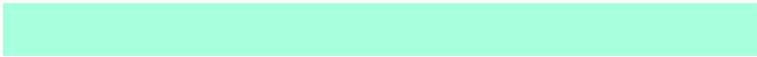
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4534, 0.2847, 0.3604



84.8081, 0.2797, 0.3680



50.6796, 0.2697, 0.3209



12.6513, 0.3034, 0.3380



28.1445, 0.2608, 0.4588



1.4665, 0.2529, 0.4304

Inverse Universe

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



35.5758, 0.3527, 0.2998



52.6109, 0.3641, 0.2936



36.6652, 0.3753, 0.3369



11.2837, 0.3231, 0.3201



8.4453, 0.5425, 0.2762



0.4504, 0.4897, 0.2471

Previews

White Background



This preview shows how the Yxy color 52.4512, 0.2847, 0.3604 looks on a white background.

Color Contrast Check

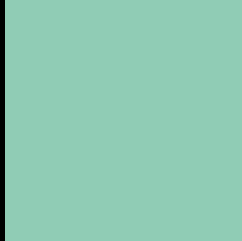
Large Text (above 18pt) WCAG AA × Fail

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 52.4512, 0.2847, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

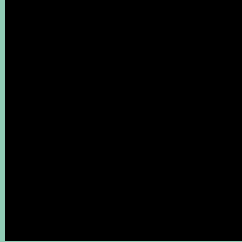
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

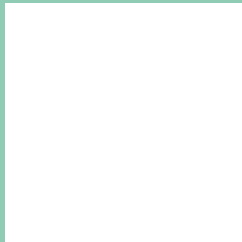
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4512, 0.2847, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 52.4512, 0.2847, 0.3604.



This preview shows how white text looks on a background with the Yxy color 52.4512, 0.2847, 0.3604.

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

52.4512, 0.2847, 0.3604

Protanopia

51.8887, 0.3318, 0.3490

Deuteranopia

52.0496, 0.3349, 0.3291



Tritanopia

52.3325, 0.2677, 0.3082

Trichromacy



Original Color

52.4512, 0.2847, 0.3604

Protanomaly

51.6695, 0.3124, 0.3524

Deuteranomaly

51.7248, 0.3147, 0.3391

Tritanomaly

52.3810, 0.2733, 0.3262

Monochromacy



Original Color

52.4512, 0.2847, 0.3604

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.0740, 0.3017, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4512, 0.2847, 0.3604 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(144, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(144, 204, 181)  
}
```

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(144, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 204, 181) }
```

Border

The CSS property to change the border of an element to Yxy 52.4512, 0.2847, 0.3604 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(144, 204, 181) }
```

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

```
.border{ border-color:rgb(144, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(144, 204,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4512, 0.2847, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 204, 181) }
```

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

```
.background{ background-color: rgb(144,  
204, 181) }
```

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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