

Converting Colors

$Yxy(52.7769, 0.2880, 0.3616)$

Have a look what the booklet for
Yxy(52.7769, 0.2880, 0.3616)
contains.

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Color

Yxy(52.7769, 0.2880, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	94CCB4
RGB	148, 204, 180
RGB Percent	58%, 80%, 71%
CMY	0.4198, 0.1999, 0.2942
CMYK	0.27, 0.00, 0.12, 0.20
HSL	154°, 35%, 69%
HSV	154°, 27%, 80%
XYZ	42.0347, 52.7769, 51.1422
YIQ	184.5200, -25.6720, -19.3360

Conversions

Conversions Part 2

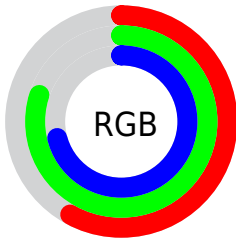
Format	Color
RYB	148, 184, 204
Decimal	9751732
CIELab	77.74, -23.12, 6.16
CIELCh	78, 23.929, 165.083
Yxy	52.7769, 0.2880, 0.3616
Android (android.graphics.Color)	4287941812 (0xFF94CCB4)
YUV	184.5200, -2.2284, -32.0280
Hunter-Lab	72.6477, -23.8516, 9.1147

Details

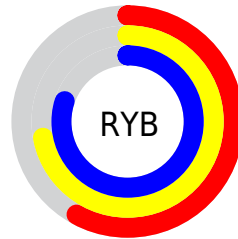
The Yxy color **52.7769, 0.2880, 0.3616** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9798, 0.3468, 0.2987**, and the grayscale version is **48.2530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2726, 0.2921, 0.3491**, and **25.8318, 0.2818, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **50.6970, 0.2801, 0.3757**, and if you desaturate by 10%, it is **55.2189, 0.2966, 0.3487**.

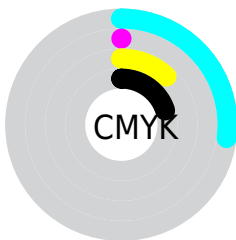
Distribution



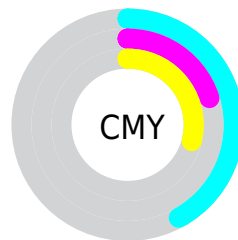
- Red (58%)
- Green (80%)
- Blue (71%)



- Red (58%)
- Yellow (72%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)




- Cyan (42%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7769, 0.2880, 0.3616 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 52.7769, 0.2880, 0.3616 by changing the saturation by 10% instead.


 52.7769, 0.2880,
0.3616

 52.7769, 0.2880,
0.3616


397.4286, 0.3003,
0.3453

 37.6247, 0.2850,
0.3657


 94.2760, 0.2924,
0.3557

 25.6915, 0.2811,
0.3709


 121.3917, 0.2941,
0.3534

 16.5930, 0.2759,
0.3779


153.2640, 0.2955,
0.3516

 9.9448, 0.2688,
0.3877

190.2773, 0.2967,
0.3499

 5.3623, 0.2583,
0.4024

232.8160, 0.2978,
0.3485

 2.4614, 0.2412,
0.4267

281.2646, 0.2987,

 0.8572, 0.1554,

0.3473

0.5324

336.0073, 0.2995,
0.3462

0.0000, 0.0000,
0.0000

52.7769, 0.2880,
0.3616

52.7769, 0.2880,
0.3616

50.6970, 0.2801,
0.3757

55.2189, 0.2966,
0.3487

48.9546, 0.2734,
0.3908

58.0332, 0.3057,
0.3370

47.5323, 0.2680,
0.4068

61.2376, 0.3151,
0.3265

46.4083, 0.2644,
0.4234

64.8468, 0.3245,
0.3171

45.5581, 0.2627,
0.4402

68.8748, 0.3338,
0.3089

■ 44.9531, 0.2630,
0.4568

■ 70.3055, 0.3311,
0.3005

■ 44.5533, 0.2652,
0.4730

■ 70.8161, 0.3248,
0.2921

■ 44.4681, 0.2658,
0.4770

■ 71.3519, 0.3186,
0.2838

■ 71.6737, 0.3151,
0.2792

Harmonies

Analogous

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



52.7769, 0.3193, 0.3820



52.7769, 0.2880, 0.3616



52.7769, 0.2641, 0.3315

Triad

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



52.7769, 0.2880, 0.3616



52.7769, 0.2748, 0.2762



52.7769, 0.3763, 0.3502

Complementary

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



52.7769, 0.2880, 0.3616



36.9798, 0.3468, 0.2987

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.



52.7769, 0.3633, 0.3235



52.7769, 0.2880, 0.3616



52.7769, 0.3035, 0.2823

Square

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



52.7769, 0.2880, 0.3616



52.7769, 0.2568, 0.2830



52.7769, 0.3361, 0.2993



52.7769, 0.3711, 0.3732

Rectangle

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



52.7769, 0.2880, 0.3616



52.7769, 0.2551, 0.3115



52.7769, 0.3361, 0.2993



52.7769, 0.3740, 0.3414

Sweetspot

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



52.7791, 0.2880, 0.3616



95.7837, 0.3052, 0.3377



54.1282, 0.3278, 0.4032



20.3422, 0.3037, 0.3394



0.0000, 0.0000, 0.0000



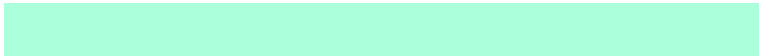
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7791, 0.2880, 0.3616



85.2720, 0.2832, 0.3698



52.0889, 0.2725, 0.3239



12.6426, 0.3040, 0.3391



28.0026, 0.2652, 0.4748



1.4596, 0.2565, 0.4432

Inverse Universe

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



36.9798, 0.3468, 0.2987



54.8301, 0.3567, 0.2918



37.3297, 0.3706, 0.3340



11.2922, 0.3224, 0.3191



8.5355, 0.5241, 0.2661



0.4554, 0.4747, 0.2389

Previews

White Background



This preview shows how the Yxy color 52.7769, 0.2880, 0.3616 looks on a white background.

Color Contrast Check

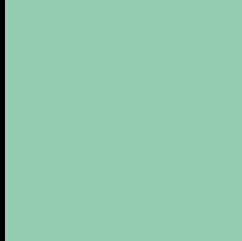
Large Text (above 18pt) WCAG AA × Fail

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 52.7769, 0.2880, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

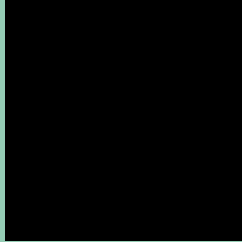
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

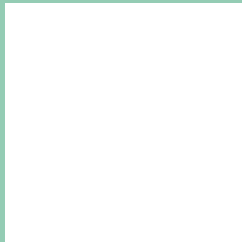
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7769, 0.2880, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 52.7769, 0.2880, 0.3616.

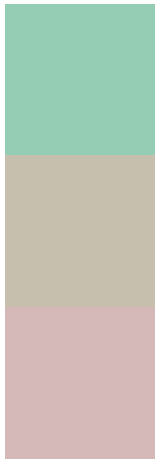


This preview shows how white text looks on a background with the Yxy color 52.7769, 0.2880, 0.3616.

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

52.7769, 0.2880, 0.3616

Protanopia

52.4208, 0.3333, 0.3514

Deuteranopia

52.3047, 0.3374, 0.3303



Tritanopia

52.7217, 0.2703, 0.3084

Trichromacy



Original Color

52.7769, 0.2880, 0.3616

Protanomaly

52.3177, 0.3147, 0.3548

Deuteranomaly

51.9370, 0.3171, 0.3404

Tritanomaly

52.7130, 0.2765, 0.3276

Monochromacy



Original Color

52.7769, 0.2880, 0.3616

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.8888, 0.3034, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7769, 0.2880, 0.3616 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(148, 204, 180)` looks like.

```
.text, #text, p{  
    color:rgb(148, 204, 180)  
}
```

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(148, 204, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 204, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.7769, 0.2880, 0.3616 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(148, 204, 180) }
```

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

```
.border{ border-color:rgb(148, 204, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 204, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 204, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 204, 180);  
box-shadow:4px 4px 4px 4px rgb(148, 204,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7769, 0.2880, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 204, 180) }
```

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

```
.background{ background-color: rgb(148,  
204, 180) }
```

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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