

Converting Colors

$Yxy(52.5618, 0.2896, 0.3428)$

Have a look what the booklet for
Yxy(52.5618, 0.2896, 0.3428)
contains.

Yxy(52.4998, 0.2896, 0.3421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.4998, 0.2896, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	A0C8BE
RGB	160, 200, 190
RGB Percent	63%, 78%, 75%
CMY	0.3727, 0.2157, 0.2548
CMYK	0.20, 0.00, 0.05, 0.22
HSL	165°, 27%, 71%
HSV	165°, 20%, 78%
XYZ	44.4430, 52.4998, 56.5205
YIQ	186.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

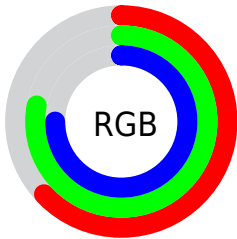
Format	Color
RYB	160, 183, 200
Decimal	10537150
CIELab	77.58, -15.27, 0.61
CIELCh	78, 15.285, 177.724
Yxy	52.4998, 0.2896, 0.3421
Android (android.graphics.Color)	4288727230 (0xFFA0C8BE)
YUV	186.9000, 1.5283, -23.5913
Hunter-Lab	72.4567, -17.3123, 4.4700

Details

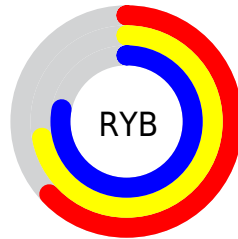
The Yxy color **52.4998, 0.2896, 0.3421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3118, 0.3424, 0.3163**, and the grayscale version is **49.6333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6209, 0.2936, 0.3382**, and **25.5521, 0.2834, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **50.3899, 0.2791, 0.3496**, and if you desaturate by 10%, it is **54.9531, 0.3009, 0.3352**.

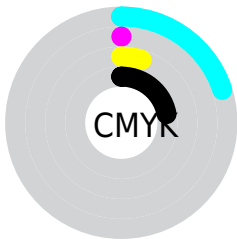
Distribution



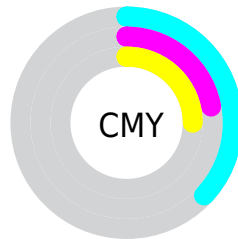
- Red (63%)
- Green (78%)
- Blue (75%)



- Red (63%)
- Yellow (72%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (37%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4998, 0.2896, 0.3421 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 52.4998, 0.2896, 0.3421 by changing the saturation by 10% instead.


 52.4998, 0.2896,
0.3421


 52.4998, 0.2896,
0.3421


396.3631, 0.3009,
0.3357

 37.4036, 0.2868,
0.3437


 93.8679, 0.2937,
0.3398

 25.5201, 0.2833,
0.3457


 120.9086, 0.2952,
0.3389

 16.4650, 0.2787,
0.3483


152.6997, 0.2965,
0.3382

 9.8538, 0.2724,
0.3519

189.6254, 0.2976,
0.3375

 5.3021, 0.2632,
0.3572

232.0702, 0.2986,
0.3370

 2.4256, 0.2487,
0.3656

280.4185, 0.2995,

 0.8390, 0.1989,

0.3365

0.3930

335.0546, 0.3002,
0.3361

0.0000, 0.0000,
0.0000

52.4998, 0.2896,
0.3421

52.4998, 0.2896,
0.3421

50.3899, 0.2791,
0.3496

54.9531, 0.3009,
0.3352

48.6009, 0.2696,
0.3576

57.7582, 0.3127,
0.3290

47.1179, 0.2615,
0.3662


60.9310, 0.3247,
0.3234

45.9220, 0.2550,
0.3751


64.4850, 0.3368,
0.3184


44.9923, 0.2504,
0.3843


67.4770, 0.3449,
0.3138

 44.3050, 0.2477,
0.3935


 67.7372, 0.3410,
0.3088

 43.8317, 0.2470,
0.4028

 68.0053, 0.3372,
0.3038

 43.5194, 0.2478,
0.4120

 68.2814, 0.3335,
0.2989

 68.5655, 0.3297,
0.2941

Harmonies

Analogous

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



52.4998, 0.3085, 0.3579



52.4998, 0.2896, 0.3421



52.4998, 0.2770, 0.3229

Triad

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



52.4998, 0.2896, 0.3421



52.4998, 0.2956, 0.2952



52.4998, 0.3533, 0.3500

Complementary

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



52.4998, 0.2896, 0.3421



40.3118, 0.3424, 0.3163

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.



52.4998, 0.3497, 0.3333



52.4998, 0.2896, 0.3421



52.4998, 0.3159, 0.3024

Square

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



52.4998, 0.2896, 0.3421



52.4998, 0.2804, 0.2963



52.4998, 0.3359, 0.3161



52.4998, 0.3456, 0.3620

Rectangle

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



52.4998, 0.2896, 0.3421



52.4998, 0.2737, 0.3112



52.4998, 0.3359, 0.3161



52.4998, 0.3534, 0.3448

Sweetspot

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



52.5020, 0.2896, 0.3421



96.9695, 0.3055, 0.3327



52.3934, 0.3180, 0.3824



20.6879, 0.3047, 0.3331



0.0000, 0.0000, 0.0000



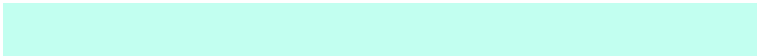
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5020, 0.2896, 0.3421



89.2388, 0.2849, 0.3453



48.4674, 0.2822, 0.3157



12.0206, 0.3016, 0.3348



27.6833, 0.2474, 0.4107



1.3219, 0.2421, 0.3915

Inverse Universe

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



40.3118, 0.3424, 0.3163



64.3609, 0.3506, 0.3134



43.5591, 0.3496, 0.3419



10.6796, 0.3251, 0.3233



7.9656, 0.5910, 0.3029



0.3892, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 52.4998, 0.2896, 0.3421 looks on a white background.

Color Contrast Check

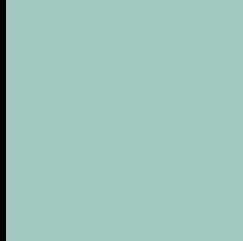
Large Text (above 18pt) WCAG AA × Fail

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 52.4998, 0.2896, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

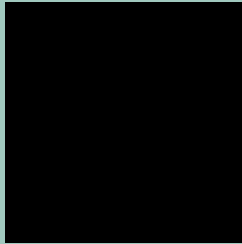
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

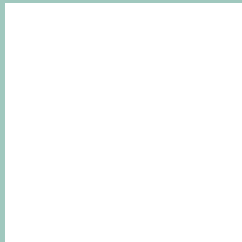
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4998, 0.2896, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 52.4998, 0.2896, 0.3421.



This preview shows how white text looks on a background with the Yxy color 52.4998, 0.2896, 0.3421.

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

52.4998, 0.2896, 0.3421

Protanopia

52.0655, 0.3215, 0.3352

Deuteranopia

52.1035, 0.3267, 0.3195



Tritanopia

52.5785, 0.2779, 0.3099

Trichromacy



Original Color

52.4998, 0.2896, 0.3421

Protanomaly

52.2387, 0.3091, 0.3379

Deuteranomaly

51.7090, 0.3120, 0.3265

Tritanomaly

52.5343, 0.2824, 0.3212

Monochromacy



Original Color

52.4998, 0.2896, 0.3421

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6772, 0.3037, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4998, 0.2896, 0.3421 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(160, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 190)  
}
```

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(160, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 190) }
```

Border

The CSS property to change the border of an element to Yxy 52.4998, 0.2896, 0.3421 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(160, 200, 190) }
```

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

```
.border{ border-color:rgb(160, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 200, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 200, 190); box-shadow:4px 4px 4px 4px rgb(160, 200, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4998, 0.2896, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 190) }
```

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

```
.background{ background-color: rgb(160,  
200, 190) }
```

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