

Converting Colors

$Yxy(52.2452, 0.2880, 0.3439)$

Have a look what the booklet for
Yxy(52.2452, 0.2880, 0.3439)
contains.

Yxy(52.1508, 0.2882, 0.3436)	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(52.1508, 0.2882, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8BD
RGB	157, 200, 189
RGB Percent	62%, 78%, 74%
CMY	0.3843, 0.2157, 0.2590
CMYK	0.21, 0.00, 0.06, 0.22
HSL	165°, 28%, 70%
HSV	165°, 21%, 78%
XYZ	43.7423, 52.1508, 55.8845
YIQ	185.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

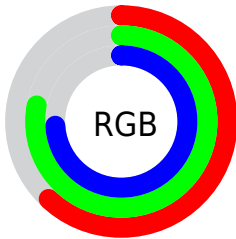
Format	Color
RYB	157, 182, 200
Decimal	10340541
CIELab	77.37, -16.43, 0.85
CIELCh	77, 16.450, 177.024
Yxy	52.1508, 0.2882, 0.3436
Android (android.graphics.Color)	4288530621 (0xFF9DC8BD)
YUV	185.8890, 1.5337, -25.3357
Hunter-Lab	72.2155, -18.2563, 4.6688

Details

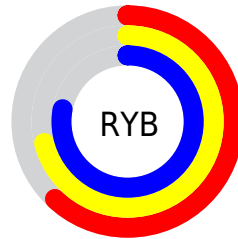
The Yxy color **52.1508, 0.2882, 0.3436** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2265, 0.3448, 0.3149**, and the grayscale version is **49.0389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1096, 0.2924, 0.3393**, and **25.3386, 0.2815, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **50.0840, 0.2779, 0.3514**, and if you desaturate by 10%, it is **54.5592, 0.2993, 0.3364**.

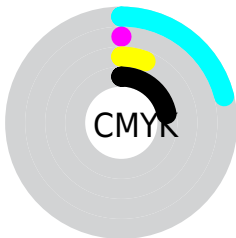
Distribution



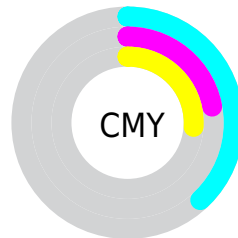
- Red (62%)
- Green (78%)
- Blue (74%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1508, 0.2882, 0.3436 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 52.1508, 0.2882, 0.3436 by changing the saturation by 10% instead.


 52.1508, 0.2882,
0.3436

 52.1508, 0.2882,
0.3436


395.0185, 0.3002,
0.3364

 37.1253, 0.2853,
0.3454


 93.3536, 0.2925,
0.3410

 25.3045, 0.2815,
0.3476


 120.2997, 0.2942,
0.3400

 16.3041, 0.2766,
0.3506


151.9881, 0.2956,
0.3392

 9.7396, 0.2699,
0.3546

188.8032, 0.2967,
0.3385

 5.2266, 0.2601,
0.3606

231.1294, 0.2978,
0.3379

 2.3808, 0.2445,
0.3701

279.3511, 0.2987,

 0.8160, 0.1855,

0.3373

0.4041

333.8526, 0.2995,
0.3369

0.0000, 0.0000,
0.0000

52.1508, 0.2882,
0.3436

52.1508, 0.2882,
0.3436

50.0840, 0.2779,
0.3514

54.5592, 0.2993,
0.3364

48.3361, 0.2687,
0.3598

57.3176, 0.3109,
0.3299

46.8919, 0.2609,
0.3687

60.4422, 0.3229,
0.3241

45.7323, 0.2547,
0.3779

63.9465, 0.3348,
0.3188

44.8360, 0.2504,
0.3874

67.4592, 0.3451,
0.3141

■ 44.1785, 0.2481,
0.3970

■ 67.7268, 0.3412,
0.3090

■ 43.7309, 0.2477,
0.4066

■ 68.0028, 0.3372,
0.3039

■ 43.4700, 0.2485,
0.4147

■ 68.2872, 0.3334,
0.2988

■ 68.5801, 0.3295,
0.2938

Harmonies

Analogous

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



52.1508, 0.3087, 0.3606



52.1508, 0.2882, 0.3436



52.1508, 0.2745, 0.3228

Triad

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



52.1508, 0.2882, 0.3436



52.1508, 0.2938, 0.2925



52.1508, 0.3566, 0.3512

Complementary

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



52.1508, 0.2882, 0.3436



39.2265, 0.3448, 0.3149

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.



52.1508, 0.3524, 0.3331



52.1508, 0.2882, 0.3436



52.1508, 0.3156, 0.3001

Square

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



52.1508, 0.2882, 0.3436



52.1508, 0.2776, 0.2940



52.1508, 0.3372, 0.3147



52.1508, 0.3485, 0.3643

Rectangle

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



52.1508, 0.2882, 0.3436



52.1508, 0.2708, 0.3101



52.1508, 0.3372, 0.3147



52.1508, 0.3566, 0.3455

Sweetspot

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



52.1530, 0.2882, 0.3436



96.9623, 0.3056, 0.3328



52.1230, 0.3189, 0.3866



20.6862, 0.3048, 0.3333



0.0000, 0.0000, 0.0000



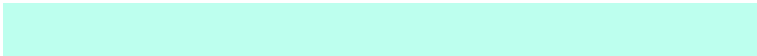
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1530, 0.2882, 0.3436



88.4722, 0.2831, 0.3473



48.1549, 0.2801, 0.3156



12.0192, 0.3017, 0.3350



27.6532, 0.2482, 0.4133



1.3207, 0.2427, 0.3935

Inverse Universe

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



39.2265, 0.3448, 0.3149



61.9691, 0.3543, 0.3115



42.3678, 0.3530, 0.3420



10.6809, 0.3250, 0.3231



7.9741, 0.5886, 0.3016



0.3898, 0.5273, 0.2679

Previews

White Background



This preview shows how the Yxy color 52.1508, 0.2882, 0.3436 looks on a white background.

Color Contrast Check

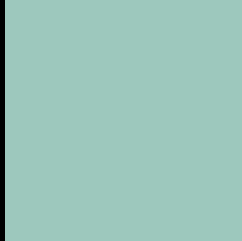
Large Text (above 18pt) WCAG AA × Fail

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 52.1508, 0.2882, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

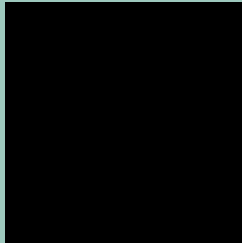
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

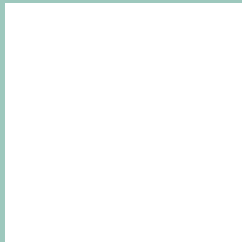
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1508, 0.2882, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 52.1508, 0.2882, 0.3436.

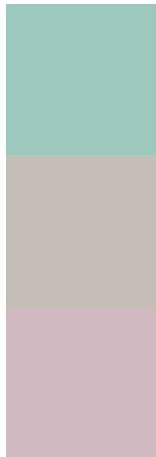


This preview shows how white text looks on a background with the Yxy color 52.1508, 0.2882, 0.3436.

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

52.1508, 0.2882, 0.3436

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

51.9136, 0.3266, 0.3207



Tritanopia

52.3674, 0.2765, 0.3098

Trichromacy



Original Color

52.1508, 0.2882, 0.3436

Protanomaly

52.0314, 0.3098, 0.3405

Deuteranomaly

51.4073, 0.3111, 0.3277

Tritanomaly

52.2214, 0.2804, 0.3211

Monochromacy



Original Color

52.1508, 0.2882, 0.3436

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9634, 0.3028, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1508, 0.2882, 0.3436 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(157, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 189)  
}
```

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(157, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.1508, 0.2882, 0.3436 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(157, 200, 189) }
```

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

```
.border{ border-color:rgb(157, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1508, 0.2882, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 189) }
```

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

```
.background{ background-color: rgb(157,  
200, 189) }
```

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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