

Converting Colors

$Y_{xy}(52.6028, 0.2862, 0.3422)$

Have a look what the booklet for
Yxy(52.6028, 0.2862, 0.3422)
contains.

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Color

Yxy(52.6028, 0.2862, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	9CC9BF
RGB	156, 201, 191
RGB Percent	61%, 79%, 75%
CMY	0.3884, 0.2117, 0.2510
CMYK	0.22, 0.00, 0.05, 0.21
HSL	167°, 29%, 70%
HSV	167°, 22%, 79%
XYZ	43.9945, 52.6028, 57.1222
YIQ	186.4050, -23.6100, -12.6500

Conversions

Conversions Part 2

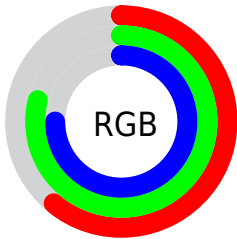
Format	Color
R _Y B	156, 181, 201
Decimal	10275263
CIE Lab	77.64, -16.85, 0.14
CIE LCh	78, 16.847, 179.510
Yxy	52.6028, 0.2862, 0.3422
Android (android.graphics.Color)	4288465343 (0xFF9CC9BF)
YUV	186.4050, 2.2653, -26.6652
Hunter-Lab	72.5278, -18.6476, 4.0732

Details

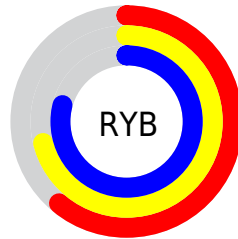
The Yxy color **52.6028, 0.2862, 0.3422** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9353, 0.3481, 0.3163**, and the grayscale version is **49.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0843, 0.2908, 0.3372**, and **25.6455, 0.2791, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **50.5697, 0.2756, 0.3490**, and if you desaturate by 10%, it is **54.9781, 0.2977, 0.3360**.

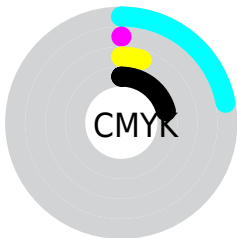
Distribution



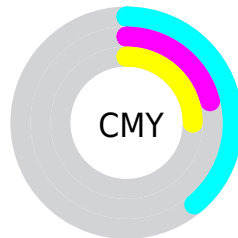
- Red (61%)
- Green (79%)
- Blue (75%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6028, 0.2862, 0.3422 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 52.6028, 0.2862, 0.3422 by changing the saturation by 10% instead.


 52.6028, 0.2862,
0.3422


 52.6028, 0.2862,
0.3422


396.7594, 0.2992,
0.3357

 37.4858, 0.2830,
0.3438


 94.0196, 0.2909,
0.3399

 25.5838, 0.2790,
0.3458


 121.0882, 0.2926,
0.3390

 16.5126, 0.2738,
0.3484


152.9095, 0.2941,
0.3383

 9.8876, 0.2666,
0.3520

189.8678, 0.2954,
0.3376

 5.3245, 0.2562,
0.3572

232.3475, 0.2965,
0.3371

 2.4389, 0.2398,
0.3654

280.7331, 0.2975,

 0.8458, 0.1827,

0.3366

0.3935

335.4089, 0.2984,
0.3361

0.0000, 0.0000,
0.0000

52.6028, 0.2862,
0.3422

52.6028, 0.2862,
0.3422

50.5697, 0.2756,
0.3490

54.9781, 0.2977,
0.3360

48.8558, 0.2662,
0.3562

57.7043, 0.3097,
0.3303

47.4456, 0.2582,
0.3638


60.7978, 0.3222,
0.3252

46.3197, 0.2519,
0.3718


64.2723, 0.3347,
0.3206


45.4562, 0.2475,
0.3799


67.8611, 0.3460,
0.3165

 44.8300, 0.2451,
0.3881


 68.0917, 0.3425,
0.3120

 44.4113, 0.2446,
0.3963

 68.3286, 0.3391,
0.3075

 44.1908, 0.2451,
0.4024

 68.5718, 0.3357,
0.3031

 68.8215, 0.3324,
0.2987

Harmonies

Analogous

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



52.6028, 0.3067, 0.3602



52.6028, 0.2862, 0.3422



52.6028, 0.2730, 0.3209

Triad

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



52.6028, 0.2862, 0.3422



52.6028, 0.2951, 0.2921



52.6028, 0.3573, 0.3530

Complementary

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



52.6028, 0.2862, 0.3422



38.9353, 0.3481, 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.



52.6028, 0.3541, 0.3348



52.6028, 0.2862, 0.3422



52.6028, 0.3176, 0.3005

Square

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



52.6028, 0.2862, 0.3422



52.6028, 0.2779, 0.2927



52.6028, 0.3394, 0.3158



52.6028, 0.3480, 0.3658

Rectangle

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



52.6028, 0.2862, 0.3422



52.6028, 0.2698, 0.3082



52.6028, 0.3394, 0.3158



52.6028, 0.3577, 0.3473

Sweetspot

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



52.6050, 0.2862, 0.3422



96.5174, 0.3040, 0.3329



52.3367, 0.3180, 0.3896



20.5976, 0.3033, 0.3332



0.0000, 0.0000, 0.0000



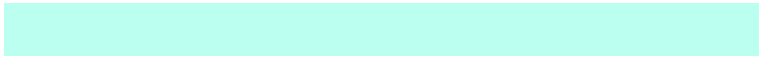
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6050, 0.2862, 0.3422



88.2509, 0.2808, 0.3455



47.6765, 0.2786, 0.3129



12.0256, 0.3013, 0.3342



27.7956, 0.2448, 0.4012



1.3264, 0.2401, 0.3843

Inverse Universe

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



38.9353, 0.3481, 0.3163



60.6797, 0.3584, 0.3133



42.8141, 0.3547, 0.3445



10.6749, 0.3255, 0.3239



7.9368, 0.5992, 0.3075



0.3871, 0.5393, 0.2745

Previews

White Background



This preview shows how the Yxy color 52.6028, 0.2862, 0.3422 looks on a white background.

Color Contrast Check

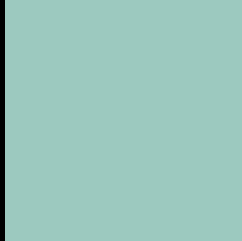
Large Text (above 18pt) WCAG AA × Fail

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 52.6028, 0.2862, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

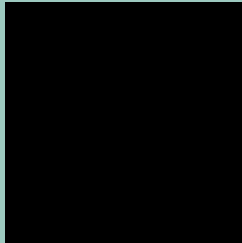
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

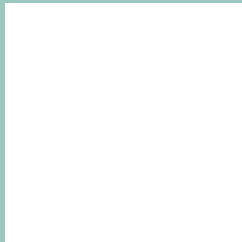
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6028, 0.2862, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 52.6028, 0.2862, 0.3422.

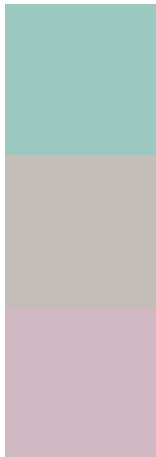


This preview shows how white text looks on a background with the Yxy color 52.6028, 0.2862, 0.3422.

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

52.6028, 0.2862, 0.3422

Protanopia

52.0655, 0.3215, 0.3352

Deuteranopia

52.0029, 0.3250, 0.3183



Tritanopia

52.6658, 0.2747, 0.3098

Trichromacy



Original Color

52.6028, 0.2862, 0.3422

Protanomaly

51.9952, 0.3075, 0.3379

Deuteranomaly

51.9307, 0.3096, 0.3265

Tritanomaly

52.6256, 0.2791, 0.3211

Monochromacy



Original Color

52.6028, 0.2862, 0.3422

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0064, 0.3021, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6028, 0.2862, 0.3422 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(156, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 191)  
}
```

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(156, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.6028, 0.2862, 0.3422 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(156, 201, 191) }
```

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

```
.border{ border-color:rgb(156, 201, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6028, 0.2862, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 191) }
```

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

```
.background{ background-color: rgb(156,  
201, 191) }
```

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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