

Converting Colors

Yxy(52.6550, 0.3020, 0.3636)

Have a look what the booklet for
Yxy(52.6550, 0.3020, 0.3636)
contains.

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Color

Yxy(52.6550, 0.3020, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	A3C9AF
RGB	163, 201, 175
RGB Percent	64%, 79%, 69%
CMY	0.3607, 0.2118, 0.3136
CMYK	0.19, 0.00, 0.13, 0.21
HSL	139°, 26%, 71%
HSV	139°, 19%, 79%
XYZ	43.7344, 52.6550, 48.4264
YIQ	186.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

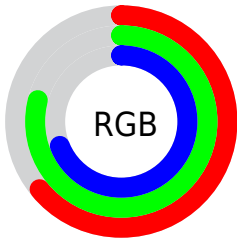
Format	Color
RYB	163, 192, 201
Decimal	10733999
CIELab	77.67, -17.74, 8.84
CIElCh	78, 19.823, 153.525
Yxy	52.6550, 0.3020, 0.3636
Android (android.graphics.Color)	4288924079 (0xFFA3C9AF)
YUV	186.6740, -5.7553, -20.7621
Hunter-Lab	72.5638, -19.4042, 11.2267

Details

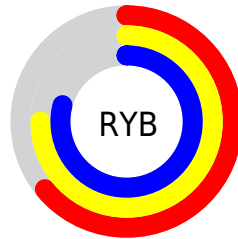
The Yxy color **52.6550, 0.3020, 0.3636** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.2954, 0.3254, 0.2967**, and the grayscale version is **49.5444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1949, 0.3036, 0.3539**, and **25.6770, 0.2987, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **50.1878, 0.2966, 0.3851**, and if you desaturate by 10%, it is **55.5189, 0.3076, 0.3443**.

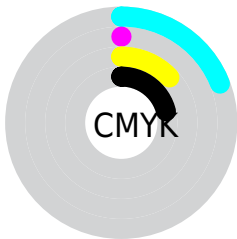
Distribution



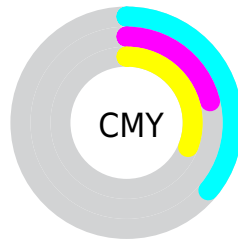
- Red (64%)
- Green (79%)
- Blue (69%)



- Red (64%)
- Yellow (75%)
- Blue (79%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)





- Cyan (36%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6550, 0.3020, 0.3636 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 52.6550, 0.3020, 0.3636 by changing the saturation by 10% instead.


 52.6550, 0.3020,
0.3636


 52.6550, 0.3020,
0.3636

396.9601, 0.3075,
0.3462

 37.5274, 0.3006,
0.3680


 94.0965, 0.3040,
0.3573

 25.6161, 0.2988,
0.3736


 121.1792, 0.3047,
0.3549

 16.5367, 0.2964,
0.3811


153.0158, 0.3054,
0.3529

 9.9047, 0.2929,
0.3916

189.9906, 0.3059,
0.3512

 5.3358, 0.2877,
0.4073

232.4881, 0.3064,
0.3497

 2.4456, 0.2787,
0.4336

280.8925, 0.3068,

 0.8492, 0.2444,

0.3484

0.5550

335.5884, 0.3071,
0.3473

0.0000, 0.0000,
0.0000

52.6550, 0.3020,
0.3636

52.6550, 0.3020,
0.3636

50.1878, 0.2966,
0.3851

55.5189, 0.3076,
0.3443

48.0931, 0.2917,
0.4085

58.7892, 0.3133,
0.3272

46.3542, 0.2875,
0.4337

62.4836, 0.3190,
0.3121

44.9505, 0.2845,
0.4599

66.6168, 0.3244,
0.2990

43.8594, 0.2829,
0.4862

69.5496, 0.3232,
0.2866

■ 43.0550, 0.2829,
0.5115

■ 70.2518, 0.3152,
0.2762

■ 42.5073, 0.2846,
0.5347

■ 42.1681, 0.2876,
0.5546

■ 42.1362, 0.2880,
0.5567

Harmonies

Analogous

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



52.6550, 0.3287, 0.3755



52.6550, 0.3020, 0.3636



52.6550, 0.2789, 0.3412

Triad

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



52.6550, 0.3020, 0.3636



52.6550, 0.2741, 0.2858



52.6550, 0.3629, 0.3385

Complementary

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



52.6550, 0.3020, 0.3636



42.2954, 0.3254, 0.2967

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.



52.6550, 0.3470, 0.3163



52.6550, 0.3020, 0.3636



52.6550, 0.2952, 0.2867

Square

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



52.6550, 0.3020, 0.3636



52.6550, 0.2633, 0.2960



52.6550, 0.3219, 0.2977



52.6550, 0.3646, 0.3594

Rectangle

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



52.6550, 0.3020, 0.3636



52.6550, 0.2684, 0.3242



52.6550, 0.3219, 0.2977



52.6550, 0.3590, 0.3310

Sweetspot

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



52.6572, 0.3020, 0.3636



96.5569, 0.3092, 0.3393



55.3136, 0.3315, 0.3770



20.5903, 0.3089, 0.3405



0.0000, 0.0000, 0.0000



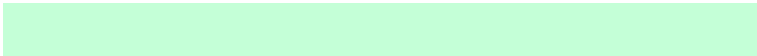
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6572, 0.3020, 0.3636



88.2028, 0.2996, 0.3728



53.4295, 0.2896, 0.3388



11.9422, 0.3074, 0.3452



26.5094, 0.2873, 0.5541



1.2685, 0.2751, 0.5102

Inverse Universe

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



42.2954, 0.3254, 0.2967



66.9816, 0.3289, 0.2889



41.5470, 0.3422, 0.3194



10.7574, 0.3185, 0.3133



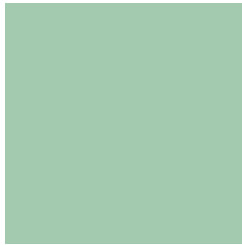
8.9696, 0.4195, 0.2085



0.4374, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 52.6550, 0.3020, 0.3636 looks on a white background.

Color Contrast Check

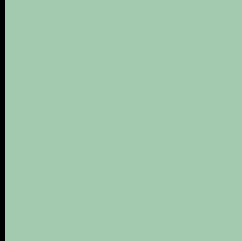
Large Text (above 18pt) WCAG AA × Fail

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 52.6550, 0.3020, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

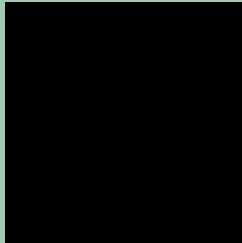
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

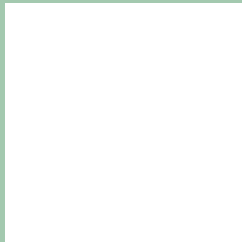
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6550, 0.3020, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 52.6550, 0.3020, 0.3636.



This preview shows how white text looks on a background with the Yxy color 52.6550, 0.3020, 0.3636.

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

52.6550, 0.3020, 0.3636

Protanopia

52.4432, 0.3366, 0.3551

Deuteranopia

52.3593, 0.3442, 0.3374



Tritanopia

52.6180, 0.2820, 0.3100

Trichromacy



Original Color

52.6550, 0.3020, 0.3636

Protanomaly

52.5736, 0.3235, 0.3584

Deuteranomaly

52.1717, 0.3276, 0.3465

Tritanomaly

52.6809, 0.2892, 0.3289

Monochromacy



Original Color

52.6550, 0.3020, 0.3636

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5831, 0.3081, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6550, 0.3020, 0.3636 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(163, 201, 175)` looks like.

```
.text, #text, p{  
    color:rgb(163, 201, 175)  
}
```

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(163, 201, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 201, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.6550, 0.3020, 0.3636 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(163, 201, 175) }
```

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

```
.border{ border-color:rgb(163, 201, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 201, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 201, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 201, 175);  
box-shadow:4px 4px 4px 4px rgb(163, 201,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6550, 0.3020, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 201, 175) }
```

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

```
.background{ background-color: rgb(163,  
201, 175) }
```

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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