

Converting Colors

Yxy(52.4242, 0.3066, 0.3707)

Have a look what the booklet for
Yxy(52.4242, 0.3066, 0.3707)
contains.

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Color

Yxy(52.5681, 0.3062, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	A4C9AA
RGB	164, 201, 170
RGB Percent	64%, 79%, 67%
CMY	0.3568, 0.2118, 0.3332
CMYK	0.18, 0.00, 0.15, 0.21
HSL	130°, 26%, 72%
HSV	130°, 18%, 79%
XYZ	43.4567, 52.5681, 45.8977
YIQ	186.4030, -12.1010, -17.4850

Conversions

Conversions Part 2

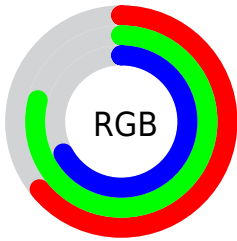
Format	Color
RYB	164, 196, 201
Decimal	10799530
CIELab	77.62, -18.34, 11.45
CIELCh	78, 21.623, 148.016
Yxy	52.5681, 0.3062, 0.3704
Android (android.graphics.Color)	4288989610 (0xFFA4C9AA)
YUV	186.4030, -8.0867, -19.6474
Hunter-Lab	72.5039, -19.8941, 13.2198

Details

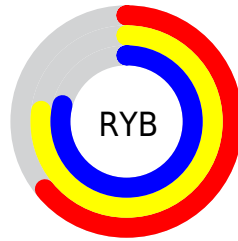
The Yxy color **52.5681, 0.3062, 0.3704** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.9149, 0.3200, 0.2908**, and the grayscale version is **49.3957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0163, 0.3076, 0.3602**, and **25.6202, 0.3042, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **50.0007, 0.3027, 0.3968**, and if you desaturate by 10%, it is **55.5595, 0.3098, 0.3467**.

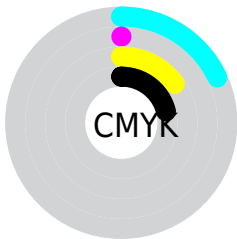
Distribution



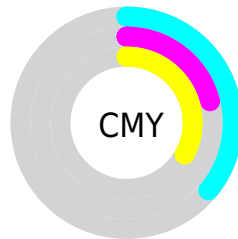
- Red (64%)
- Green (79%)
- Blue (67%)



- Red (64%)
- Yellow (77%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (36%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5681, 0.3062, 0.3704 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 52.5681, 0.3062, 0.3704 by changing the saturation by 10% instead.

■ 52.5681, 0.3062,
0.3704

■ 52.5681, 0.3062,
0.3704

■ 396.6259, 0.3097,
0.3496

■ 37.4581, 0.3053,
0.3757

■ 93.9685, 0.3075,
0.3628

■ 25.5624, 0.3040,
0.3824

■ 121.0277, 0.3080,
0.3599

■ 16.4965, 0.3023,
0.3915

■ 152.8388, 0.3084,
0.3575

■ 9.8762, 0.2998,
0.4042

■ 189.7861, 0.3087,
0.3555

■ 5.3169, 0.2958,
0.4234

■ 232.2541, 0.3090,
0.3537

■ 2.4344, 0.2884,
0.4554

■ 280.6271, 0.3093,

■ 0.8435, 0.2692,

0.3521

0.6413

335.2896, 0.3095,
0.3508

0.0000, 0.0000,
0.0000

52.5681, 0.3062,
0.3704

52.5681, 0.3062,
0.3704

50.0007, 0.3027,
0.3968

55.5595, 0.3098,
0.3467

47.8318, 0.2994,
0.4257

58.9859, 0.3133,
0.3258

46.0432, 0.2966,
0.4564

62.8664, 0.3166,
0.3076

44.6128, 0.2945,
0.4876

67.2166, 0.3198,
0.2918

43.5159, 0.2933,
0.5179

70.2014, 0.3158,
0.2769

■ 42.7251, 0.2932,
0.5452

■ 70.2526, 0.3152,
0.2762

■ 42.2080, 0.2942,
0.5678

■ 41.9167, 0.2960,
0.5843

■ 41.8804, 0.2962,
0.5864

Harmonies

Analogous

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



52.5681, 0.3352, 0.3807



52.5681, 0.3062, 0.3704



52.5681, 0.2798, 0.3473

Triad

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



52.5681, 0.3062, 0.3704



52.5681, 0.2676, 0.2831



52.5681, 0.3654, 0.3347

Complementary

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



52.5681, 0.3062, 0.3704



42.9149, 0.3200, 0.2908

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.



52.5681, 0.3457, 0.3110



52.5681, 0.3062, 0.3704



52.5681, 0.2887, 0.2820

Square

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



52.5681, 0.3062, 0.3704



52.5681, 0.2583, 0.2962



52.5681, 0.3172, 0.2921



52.5681, 0.3702, 0.3582

Rectangle

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



52.5681, 0.3062, 0.3704



52.5681, 0.2671, 0.3287



52.5681, 0.3172, 0.2921



52.5681, 0.3603, 0.3265

Sweetspot

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



52.5703, 0.3062, 0.3704



96.4147, 0.3106, 0.3417



56.1159, 0.3355, 0.3750



20.5568, 0.3104, 0.3431



0.0000, 0.0000, 0.0000



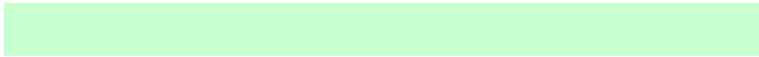
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5703, 0.3062, 0.3704



88.2030, 0.3048, 0.3804



53.3004, 0.2939, 0.3459



11.9155, 0.3094, 0.3489



26.3423, 0.2957, 0.5847



1.2564, 0.2861, 0.5500

Inverse Universe

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



42.9149, 0.3200, 0.2908



68.7079, 0.3218, 0.2825



42.1479, 0.3361, 0.3127



10.7859, 0.3162, 0.3099



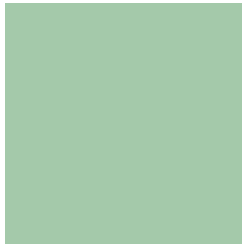
9.6051, 0.3663, 0.1791



0.4629, 0.3553, 0.1731

Previews

White Background



This preview shows how the Yxy color 52.5681, 0.3062, 0.3704 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 52.5681, 0.3062, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

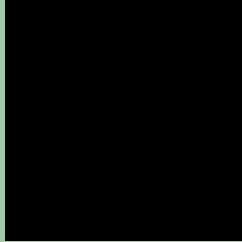
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5681, 0.3062, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 52.5681, 0.3062, 0.3704.



This preview shows how white text looks on a background with the Yxy color 52.5681, 0.3062, 0.3704.

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

52.5681, 0.3062, 0.3704

Protanopia

52.3957, 0.3414, 0.3613

Deuteranopia

51.8970, 0.3495, 0.3422



Tritanopia

52.3913, 0.2833, 0.3088

Trichromacy



Original Color

52.5681, 0.3062, 0.3704

Protanomaly

52.5116, 0.3281, 0.3648

Deuteranomaly

51.6758, 0.3326, 0.3516

Tritanomaly

52.2429, 0.2913, 0.3302

Monochromacy



Original Color

52.5681, 0.3062, 0.3704

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0219, 0.3104, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5681, 0.3062, 0.3704 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(164, 201, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 201, 170)  
}
```

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(164, 201, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 201, 170) }
```

Border

The CSS property to change the border of an element to Yxy 52.5681, 0.3062, 0.3704 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(164, 201, 170) }
```

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

```
.border{ border-color:rgb(164, 201, 170) }
```

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

Here you see how a box with a 4 pixel rgb(164, 201, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 201, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 201, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 201,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5681, 0.3062, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 201, 170) }
```

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

```
.background{ background-color: rgb(164,  
201, 170) }
```

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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