

Converting Colors

Yxy(54.9848, 0.3020, 0.3462)

Have a look what the booklet for
Yxy(54.9848, 0.3020, 0.3462)
contains.

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Color

Yxy(54.9859, 0.3020, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	AFCABC
RGB	175, 202, 188
RGB Percent	69%, 79%, 74%
CMY	0.3136, 0.2079, 0.2626
CMYK	0.13, 0.00, 0.07, 0.21
HSL	149°, 20%, 74%
HSV	149°, 13%, 79%
XYZ	47.8828, 54.9859, 55.6835
YIQ	192.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

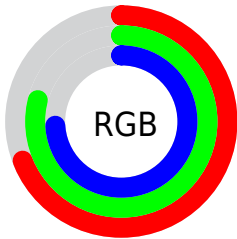
Format	Color
RYB	175, 193, 202
Decimal	11520700
CIELab	79.03, -11.78, 3.91
CIELCh	79, 12.411, 161.626
Yxy	54.9859, 0.3020, 0.3468
Android (android.graphics.Color)	4289710780 (0xFFAFCABC)
YUV	192.3310, -2.1352, -15.1993
Hunter-Lab	74.1525, -14.5034, 7.3839

Details

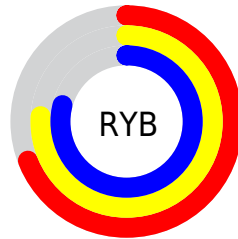
The Yxy color $54.9859, 0.3020, 0.3468$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $46.8980, 0.3250, 0.3119$, and the grayscale version is $52.9378, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0406, 0.3042, 0.3400$, and $27.0667, 0.2986, 0.3516$ is the 20% darker color. If you saturate the color by 10%, you get $52.3878, 0.2943, 0.3619$, and if you desaturate by 10%, it is $57.9710, 0.3100, 0.3332$.

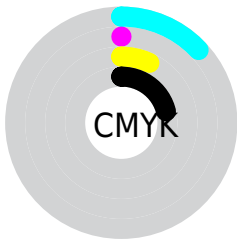
Distribution



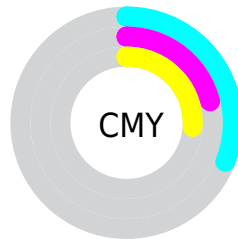
- Red (69%)
- Green (79%)
- Blue (74%)



- Red (69%)
- Yellow (76%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9859, 0.3020, 0.3468 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 54.9859, 0.3020, 0.3468 by changing the saturation by 10% instead.

 54.9859, 0.3020,
0.3468

 54.9859, 0.3020,
0.3468


405.8585, 0.3073,
0.3380

 39.3904, 0.3007,
0.3490


 97.5203, 0.3039,
0.3436

 27.0636, 0.2991,
0.3517


125.2280, 0.3046,
0.3425

 17.6210, 0.2969,
0.3553


157.7419, 0.3052,
0.3414

 10.6782, 0.2939,
0.3603

195.4465, 0.3057,
0.3406

 5.8509, 0.2896,
0.3676

238.7260, 0.3062,
0.3398

 2.7546, 0.2827,
0.3794

287.9649, 0.3066,

 1.0050, 0.2670,

0.3391

0.4047

343.5476, 0.3070,
0.3386

0.0000, 0.0000,
0.0000

54.9859, 0.3020,
0.3468

54.9859, 0.3020,
0.3468

52.3878, 0.2943,
0.3619

57.9710, 0.3100,
0.3332

50.1535, 0.2871,
0.3786

61.3512, 0.3181,
0.3211

48.2681, 0.2808,
0.3966

65.1433, 0.3261,
0.3105

46.7126, 0.2756,
0.4158

69.2050, 0.3333,
0.3010

45.4666, 0.2720,
0.4359

69.8098, 0.3256,
0.2909

■ 44.5070, 0.2701,
0.4562

■ 70.4505, 0.3181,
0.2811

■ 43.8072, 0.2702,
0.4763

■ 70.7196, 0.3151,
0.2772

■ 43.3354, 0.2723,
0.4955

■ 43.1105, 0.2744,
0.5077

Harmonies

Analogous

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



54.9859, 0.3184, 0.3561



54.9859, 0.3020, 0.3468



54.9859, 0.2887, 0.3325

Triad

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



54.9859, 0.3020, 0.3468



54.9859, 0.2918, 0.3014



54.9859, 0.3447, 0.3391

Complementary

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



54.9859, 0.3020, 0.3468



46.8980, 0.3250, 0.3119

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.



54.9859, 0.3372, 0.3250



54.9859, 0.3020, 0.3468



54.9859, 0.3064, 0.3036

Square

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



54.9859, 0.3020, 0.3468



54.9859, 0.2829, 0.3063



54.9859, 0.3230, 0.3122



54.9859, 0.3433, 0.3511

Rectangle

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



54.9859, 0.3020, 0.3468



54.9859, 0.2832, 0.3223



54.9859, 0.3230, 0.3122



54.9859, 0.3431, 0.3344

Sweetspot

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



54.9882, 0.3020, 0.3468



97.7811, 0.3094, 0.3341



56.2067, 0.3224, 0.3628



20.8425, 0.3088, 0.3351



0.0000, 0.0000, 0.0000



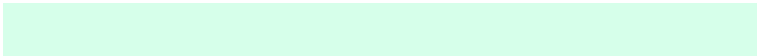
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9882, 0.3020, 0.3468



91.7797, 0.2997, 0.3510



55.5777, 0.2931, 0.3301



12.6256, 0.3051, 0.3413



27.7599, 0.2737, 0.5053



1.4474, 0.2635, 0.4685

Inverse Universe

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



46.8980, 0.3250, 0.3119



75.4713, 0.3280, 0.3080



46.3559, 0.3362, 0.3279



11.3090, 0.3210, 0.3171



8.7488, 0.4868, 0.2455



0.4666, 0.4458, 0.2229

Previews

White Background



This preview shows how the Yxy color 54.9859, 0.3020, 0.3468 looks on a white background.

Color Contrast Check

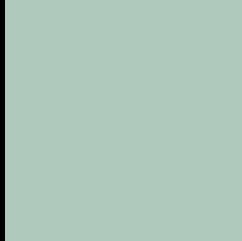
Large Text (above 18pt) WCAG AA × Fail

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 54.9859, 0.3020, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

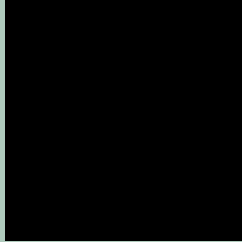
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

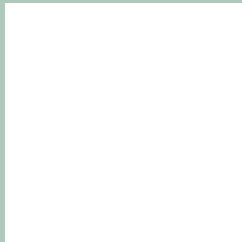
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9859, 0.3020, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 54.9859, 0.3020, 0.3468.



This preview shows how white text looks on a background with the Yxy color 54.9859, 0.3020, 0.3468.

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

54.9859, 0.3020, 0.3468

Protanopia

54.9084, 0.3259, 0.3424

Deuteranopia

54.7557, 0.3337, 0.3267



Tritanopia

54.8269, 0.2873, 0.3093

Trichromacy



Original Color

54.9859, 0.3020, 0.3468

Protanomaly

55.0974, 0.3175, 0.3451

Deuteranomaly

54.7188, 0.3214, 0.3339

Tritanomaly

54.7196, 0.2926, 0.3215

Monochromacy



Original Color

54.9859, 0.3020, 0.3468

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6805, 0.3085, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9859, 0.3020, 0.3468 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(175, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 188)  
}
```

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(175, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.9859, 0.3020, 0.3468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

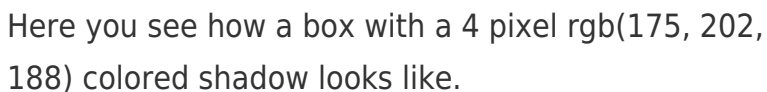
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 202, 188) }
```

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

```
.border{ border-color:rgb(175, 202, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 188); box-shadow:4px 4px 4px 4px rgb(175, 202, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9859, 0.3020, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 188) }
```

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

```
.background{ background-color: rgb(175,  
202, 188) }
```

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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