

Converting Colors

$Yxy(54.9099, 0.3002, 0.3709)$

Have a look what the booklet for
Yxy(54.9099, 0.3002, 0.3709)
contains.

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Color

Yxy(54.7113, 0.2998, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	A0CEAF
RGB	160, 206, 175
RGB Percent	63%, 81%, 69%
CMY	0.3725, 0.1921, 0.3138
CMYK	0.22, 0.00, 0.15, 0.19
HSL	140°, 32%, 72%
HSV	140°, 22%, 81%
XYZ	44.3070, 54.7113, 48.7702
YIQ	188.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

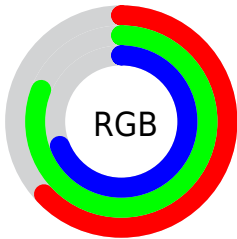
Format	Color
RYB	160, 195, 206
Decimal	10538671
CIELab	78.87, -21.26, 10.55
CIELCh	79, 23.731, 153.598
Yxy	54.7113, 0.2998, 0.3702
Android (android.graphics.Color)	4288728751 (0xFFA0CEAF)
YUV	188.7120, -6.7600, -25.1804
Hunter-Lab	73.9671, -22.5192, 12.6841

Details

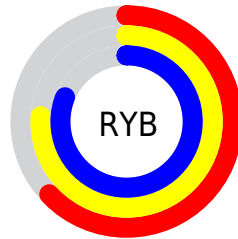
The Yxy color **54.7113, 0.2998, 0.3702** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0337, 0.3285, 0.2911**, and the grayscale version is **50.7646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7366, 0.3018, 0.3540**, and **27.0747, 0.2959, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **52.2449, 0.2944, 0.3921**, and if you desaturate by 10%, it is **57.5903, 0.3055, 0.3504**.

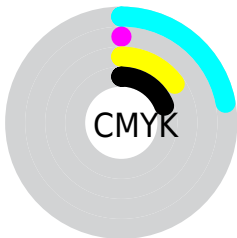
Distribution



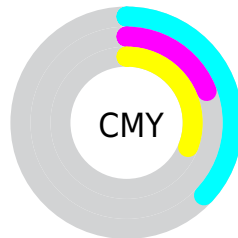
- Red (63%)
- Green (81%)
- Blue (69%)



- Red (63%)
- Yellow (76%)
- Blue (81%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)





- Cyan (37%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7113, 0.2998, 0.3702 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 54.7113, 0.2998, 0.3702 by changing the saturation by 10% instead.

 54.7113, 0.2998,
0.3702


 54.7113, 0.2998,
0.3702

404.8166, 0.3064,
0.3496

 39.1706, 0.2981,
0.3754

 97.1178, 0.3022,
0.3627

 26.8925, 0.2960,
0.3820


 124.7525, 0.3031,
0.3599

 17.4925, 0.2930,
0.3908


157.1873, 0.3039,
0.3575

 10.5862, 0.2889,
0.4032

194.8065, 0.3045,
0.3555

 5.7894, 0.2826,
0.4217

237.9947, 0.3051,
0.3537

 2.7174, 0.2720,
0.4521

287.1362, 0.3056,

 0.9860, 0.2394,

0.3521

0.5690

342.6154, 0.3060,
0.3508

0.0000, 0.0000,
0.0000

54.7113, 0.2998,
0.3702

54.7113, 0.2998,
0.3702

52.2449, 0.2944,
0.3921

57.5903, 0.3055,
0.3504

50.1652, 0.2896,
0.4159

60.8928, 0.3114,
0.3328

48.4539, 0.2858,
0.4412

64.6377, 0.3172,
0.3172

47.0886, 0.2831,
0.4672

68.8408, 0.3228,
0.3036

46.0441, 0.2820,
0.4931

71.9642, 0.3223,
0.2910

■ 45.2919, 0.2826,
0.5177

■ 72.6238, 0.3150,
0.2811

■ 44.7980, 0.2849,
0.5398

■ 44.5493, 0.2874,
0.5546

Harmonies

Analogous

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



54.7113, 0.3313, 0.3844



54.7113, 0.2998, 0.3702



54.7113, 0.2728, 0.3432

Triad

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



54.7113, 0.2998, 0.3702



54.7113, 0.2673, 0.2782



54.7113, 0.3722, 0.3399

Complementary

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



54.7113, 0.2998, 0.3702



42.0337, 0.3285, 0.2911

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.



54.7113, 0.3534, 0.3140



54.7113, 0.2998, 0.3702



54.7113, 0.2920, 0.2795

Square

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



54.7113, 0.2998, 0.3702



54.7113, 0.2547, 0.2899



54.7113, 0.3235, 0.2924



54.7113, 0.3740, 0.3646

Rectangle

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



54.7113, 0.2998, 0.3702



54.7113, 0.2605, 0.3229



54.7113, 0.3235, 0.2924



54.7113, 0.3676, 0.3311

Sweetspot

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



54.7136, 0.2998, 0.3702



96.0188, 0.3086, 0.3409



57.8162, 0.3343, 0.3864



20.4821, 0.3082, 0.3420



0.0000, 0.0000, 0.0000



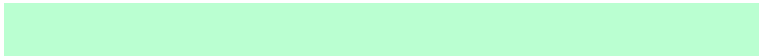
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7136, 0.2998, 0.3702



86.5590, 0.2970, 0.3809



55.6768, 0.2851, 0.3398



12.5961, 0.3072, 0.3450



27.4472, 0.2867, 0.5519



1.4299, 0.2753, 0.5111

Inverse Universe

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



42.0337, 0.3285, 0.2911



62.3015, 0.3329, 0.2823



41.1141, 0.3497, 0.3185



11.3392, 0.3187, 0.3135



9.2461, 0.4232, 0.2105



0.4906, 0.3985, 0.1969

Previews

White Background



This preview shows how the Yxy color 54.7113, 0.2998, 0.3702 looks on a white background.

Color Contrast Check

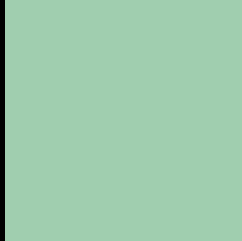
Large Text (above 18pt) WCAG AA × Fail

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 54.7113, 0.2998, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

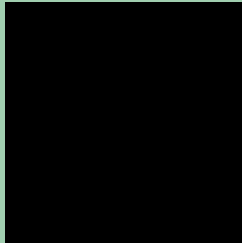
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

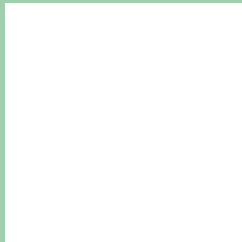
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7113, 0.2998, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 54.7113, 0.2998, 0.3702.



This preview shows how white text looks on a background with the Yxy color 54.7113, 0.2998, 0.3702.

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

54.7113, 0.2998, 0.3702

Protanopia

54.2855, 0.3402, 0.3596

Deuteranopia

54.2812, 0.3462, 0.3396



Tritanopia

54.5913, 0.2784, 0.3090

Trichromacy



Original Color

54.7113, 0.2998, 0.3702

Protanomaly

54.0198, 0.3247, 0.3632

Deuteranomaly

54.2503, 0.3280, 0.3500

Tritanomaly

54.4574, 0.2861, 0.3302

Monochromacy



Original Color

54.7113, 0.2998, 0.3702

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9559, 0.3073, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7113, 0.2998, 0.3702 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(160, 206, 175)` looks like.

```
.text, #text, p{  
    color:rgb(160, 206, 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(160, 206, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 206, 175) }
```

Border

The CSS property to change the border of an element to Yxy 54.7113, 0.2998, 0.3702 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(160, 206, 175) }
```

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

```
.border{ border-color:rgb(160, 206, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 206, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 206, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 206, 175);  
box-shadow:4px 4px 4px 4px rgb(160, 206,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7113, 0.2998, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 206, 175) }
```

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

```
.background{ background-color: rgb(160,  
206, 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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