

Converting Colors

$Yxy(52.4419, 0.3098, 0.3554)$

Have a look what the booklet for
Yxy(52.4419, 0.3098, 0.3554)
contains.

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Color

Yxy(52.2208, 0.3099, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	AFC5B1
RGB	175, 197, 177
RGB Percent	69%, 77%, 69%
CMY	0.3139, 0.2274, 0.3059
CMYK	0.11, 0.00, 0.10, 0.23
HSL	126°, 16%, 73%
HSV	126°, 11%, 77%
XYZ	45.5737, 52.2208, 49.2649
YIQ	188.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

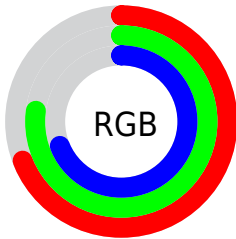
Format	Color
RYB	175, 195, 197
Decimal	11519409
CIELab	77.41, -11.29, 7.52
CIELCh	77, 13.566, 146.356
Yxy	52.2208, 0.3099, 0.3551
Android (android.graphics.Color)	4289709489 (0xFFAFC5B1)
YUV	188.1420, -5.4930, -11.5255
Hunter-Lab	72.2640, -13.8898, 10.1647

Details

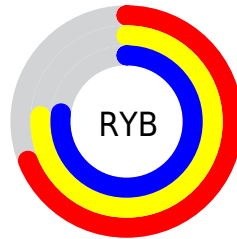
The Yxy color **52.2208, 0.3099, 0.3551** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4577, 0.3156, 0.3042**, and the grayscale version is **50.4062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7557, 0.3105, 0.3503**, and **25.2377, 0.3090, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **49.4405, 0.3073, 0.3817**, and if you desaturate by 10%, it is **55.4317, 0.3124, 0.3316**.

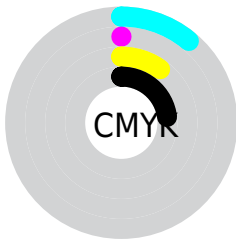
Distribution



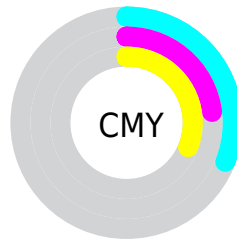
- Red (69%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (76%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (31%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2208, 0.3099, 0.3551 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 52.2208, 0.3099, 0.3551 by changing the saturation by 10% instead.

 52.2208, 0.3099,
0.3551

 52.2208, 0.3099,
0.3551


395.2884, 0.3114,
0.3421

 37.1811, 0.3095,
0.3583


 93.4568, 0.3105,
0.3504

 25.3477, 0.3090,
0.3625


120.4219, 0.3107,
0.3486

 16.3363, 0.3082,
0.3681


152.1309, 0.3108,
0.3471

 9.7625, 0.3072,
0.3758

188.9682, 0.3110,
0.3458

 5.2417, 0.3055,
0.3874

231.3182, 0.3111,
0.3447

 2.3898, 0.3024,
0.4065

279.5653, 0.3112,


 0.8206, 0.2979,


0.3437


0.4847


334.0939, 0.3113,
0.3428

 0.0000, 0.0000,
0.0000


 52.2208, 0.3099,
0.3551


 52.2208, 0.3099,
0.3551


 49.4405, 0.3073,
0.3817


 55.4317, 0.3124,
0.3316

 47.0661, 0.3047,
0.4112


 59.0835, 0.3148,
0.3111


 45.0806, 0.3022,
0.4431

 63.1942, 0.3170,
0.2933

 43.4633, 0.3000,
0.4762

 67.7790, 0.3190,
0.2780

 42.1914, 0.2983,
0.5090

 68.4196, 0.3154,
0.2722

■ 41.2397, 0.2973,
0.5393

■ 40.5794, 0.2971,
0.5648

■ 40.1765, 0.2977,
0.5836

■ 39.9835, 0.2984,
0.5941

Harmonies

Analogous

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



52.2208, 0.3281, 0.3612



52.2208, 0.3099, 0.3551



52.2208, 0.2928, 0.3414

Triad

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



52.2208, 0.3099, 0.3551



52.2208, 0.2835, 0.3002



52.2208, 0.3452, 0.3322

Complementary

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



52.2208, 0.3099, 0.3551



46.4577, 0.3156, 0.3042

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.



52.2208, 0.3326, 0.3169



52.2208, 0.3099, 0.3551



52.2208, 0.2968, 0.2987

Square

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



52.2208, 0.3099, 0.3551



52.2208, 0.2779, 0.3094



52.2208, 0.3147, 0.3048



52.2208, 0.3488, 0.3472

Rectangle

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



52.2208, 0.3099, 0.3551



52.2208, 0.2843, 0.3301



52.2208, 0.3147, 0.3048



52.2208, 0.3419, 0.3269

Sweetspot

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



52.2230, 0.3099, 0.3551



98.1384, 0.3120, 0.3357



54.6590, 0.3277, 0.3564



20.9018, 0.3118, 0.3376



0.0000, 0.0000, 0.0000



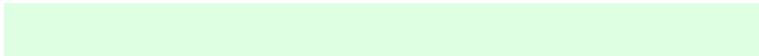
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2230, 0.3099, 0.3551



92.4563, 0.3094, 0.3602



52.6726, 0.3021, 0.3408



11.9034, 0.3104, 0.3506



26.2999, 0.2981, 0.5930



1.2508, 0.2918, 0.5705

Inverse Universe

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



46.4577, 0.3156, 0.3042



80.4485, 0.3162, 0.2997



45.9850, 0.3247, 0.3175



10.7992, 0.3151, 0.3083



9.9528, 0.3452, 0.1675



0.4763, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 52.2208, 0.3099, 0.3551 looks on a white background.

Color Contrast Check

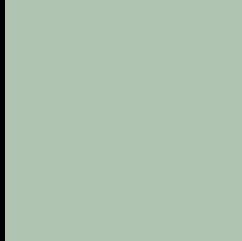
Large Text (above 18pt) WCAG AA × Fail

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 52.2208, 0.3099, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

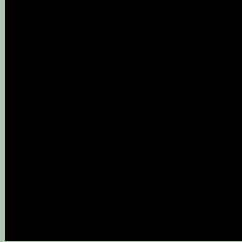
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

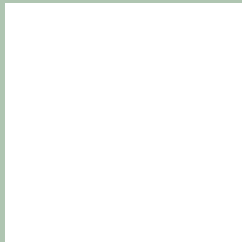
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2208, 0.3099, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 52.2208, 0.3099, 0.3551.



This preview shows how white text looks on a background with the Yxy color 52.2208, 0.3099, 0.3551.

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

52.2208, 0.3099, 0.3551

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

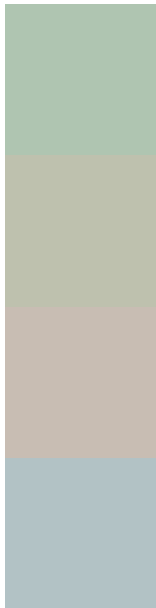
51.8724, 0.3418, 0.3339



Tritanopia

52.3973, 0.2918, 0.3103

Trichromacy



Original Color

52.2208, 0.3099, 0.3551

Protanomaly

52.1431, 0.3247, 0.3531

Deuteranomaly

51.9292, 0.3297, 0.3414

Tritanomaly

52.0798, 0.2980, 0.3252

Monochromacy



Original Color

52.2208, 0.3099, 0.3551

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7896, 0.3115, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2208, 0.3099, 0.3551 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, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 197, 177)  
}
```

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, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 197, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.2208, 0.3099, 0.3551 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, 197, 177) }
```

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

```
.border{ border-color:rgb(175, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 197,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2208, 0.3099, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 197, 177) }
```

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

```
.background{ background-color: rgb(175,  
197, 177) }
```

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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