

Converting Colors

$Yxy(55.4058, 0.3100, 0.3539)$

Have a look what the booklet for
Yxy(55.4058, 0.3100, 0.3539)
contains.

Yxy(55.3218, 0.3100, 0.3544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.3218, 0.3100, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	B4CAB6
RGB	180, 202, 182
RGB Percent	71%, 79%, 71%
CMY	0.2940, 0.2079, 0.2862
CMYK	0.11, 0.00, 0.10, 0.21
HSL	125°, 17%, 75%
HSV	125°, 11%, 79%
XYZ	48.3910, 55.3218, 52.3871
YIQ	193.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

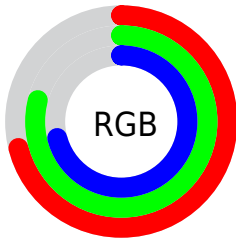
Format	Color
RYB	180, 200, 202
Decimal	11848374
CIELab	79.23, -11.21, 7.47
CIELCh	79, 13.466, 146.332
Yxy	55.3218, 0.3100, 0.3544
Android (android.graphics.Color)	4290038454 (0xFFB4CAB6)
YUV	193.1420, -5.4930, -11.5255
Hunter-Lab	74.3786, -14.0299, 10.3053

Details

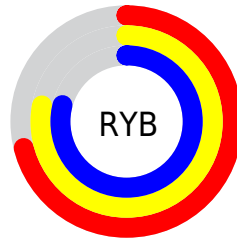
The Yxy color **55.3218, 0.3100, 0.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3795, 0.3155, 0.3049**, and the grayscale version is **53.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5259, 0.3107, 0.3460**, and **27.2768, 0.3091, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **52.3628, 0.3074, 0.3810**, and if you desaturate by 10%, it is **58.7386, 0.3125, 0.3309**.

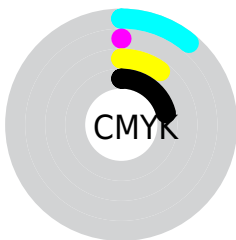
Distribution



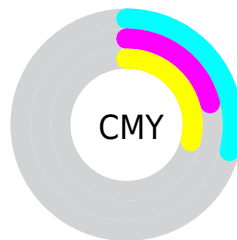
- Red (71%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3218, 0.3100, 0.3544 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 55.3218, 0.3100, 0.3544 by changing the saturation by 10% instead.

■ 55.3218, 0.3100,
0.3544

■ 55.3218, 0.3100,
0.3544

407.1306, 0.3114,
0.3419

■ 39.6594, 0.3096,
0.3575

■ 98.0123, 0.3105,
0.3499

■ 27.2731, 0.3091,
0.3614

125.8092, 0.3107,
0.3482

■ 17.7784, 0.3085,
0.3667

158.4197, 0.3109,
0.3467

■ 10.7910, 0.3075,
0.3739

196.2283, 0.3110,
0.3455

■ 5.9265, 0.3060,
0.3845

239.6192, 0.3112,
0.3444

■ 2.8004, 0.3033,
0.4016

288.9770, 0.3113,

■ 1.0285, 0.3011,

0.3434

0.4441

344.6860, 0.3113,
0.3426

0.0000, 0.0000,
0.0000

55.3218, 0.3100,
0.3544

55.3218, 0.3100,
0.3544

52.3628, 0.3074,
0.3810

58.7386, 0.3125,
0.3309

49.8353, 0.3048,
0.4105

62.6240, 0.3149,
0.3104

47.7214, 0.3023,
0.4424

66.9973, 0.3170,
0.2927

45.9990, 0.3001,
0.4757

70.7202, 0.3151,
0.2772

44.6439, 0.2984,
0.5086

■ 43.6293, 0.2974,
0.5390

■ 42.9248, 0.2972,
0.5646

■ 42.4943, 0.2977,
0.5835

■ 42.2846, 0.2984,
0.5944

Harmonies

Analogous

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



55.3218, 0.3277, 0.3603



55.3218, 0.3100, 0.3544



55.3218, 0.2934, 0.3411

Triad

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



55.3218, 0.3100, 0.3544



55.3218, 0.2842, 0.3009



55.3218, 0.3443, 0.3321

Complementary

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



55.3218, 0.3100, 0.3544



49.3795, 0.3155, 0.3049

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.



55.3218, 0.3320, 0.3172



55.3218, 0.3100, 0.3544



55.3218, 0.2972, 0.2994

Square

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



55.3218, 0.3100, 0.3544



55.3218, 0.2788, 0.3099



55.3218, 0.3147, 0.3054



55.3218, 0.3479, 0.3467

Rectangle

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



55.3218, 0.3100, 0.3544



55.3218, 0.2850, 0.3301



55.3218, 0.3147, 0.3054



55.3218, 0.3411, 0.3270

Sweetspot

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



55.3242, 0.3100, 0.3544



98.1377, 0.3120, 0.3357



57.8389, 0.3273, 0.3557



20.9016, 0.3118, 0.3376



0.0000, 0.0000, 0.0000



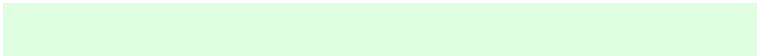
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3242, 0.3100, 0.3544



92.4536, 0.3094, 0.3602



55.7897, 0.3024, 0.3405



12.5531, 0.3104, 0.3507



27.2160, 0.2981, 0.5933



1.4098, 0.2923, 0.5724

Inverse Universe

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



49.3795, 0.3155, 0.3049



80.4517, 0.3162, 0.2996



48.8906, 0.3243, 0.3178



11.3856, 0.3151, 0.3082



10.3075, 0.3448, 0.1673



0.5370, 0.3396, 0.1644

Previews

White Background



This preview shows how the Yxy color 55.3218, 0.3100, 0.3544 looks on a white background.

Color Contrast Check

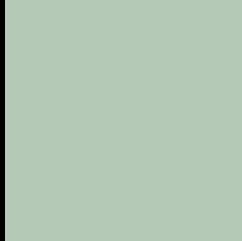
Large Text (above 18pt) WCAG AA × Fail

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 55.3218, 0.3100, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

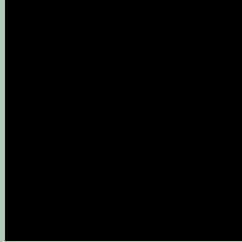
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

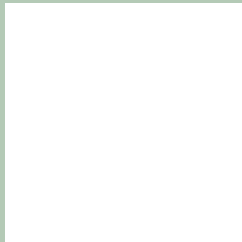
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3218, 0.3100, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 55.3218, 0.3100, 0.3544.



This preview shows how white text looks on a background with the Yxy color 55.3218, 0.3100, 0.3544.

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

55.3218, 0.3100, 0.3544

Protanopia

55.0819, 0.3330, 0.3497

Deuteranopia

54.9580, 0.3411, 0.3337



Tritanopia

55.0509, 0.2923, 0.3095

Trichromacy



Original Color

55.3218, 0.3100, 0.3544

Protanomaly

55.2449, 0.3244, 0.3525

Deuteranomaly

55.0234, 0.3293, 0.3411

Tritanomaly

55.1784, 0.2983, 0.3252

Monochromacy



Original Color

55.3218, 0.3100, 0.3544

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8453, 0.3115, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3218, 0.3100, 0.3544 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(180, 202, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 182)  
}
```

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(180, 202, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.3218, 0.3100, 0.3544 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(180, 202, 182) }
```

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

```
.border{ border-color:rgb(180, 202, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 202, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3218, 0.3100, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 182) }
```

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

```
.background{ background-color: rgb(180,  
202, 182) }
```

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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