

Converting Colors

$Yxy(55.0261, 0.2874, 0.3469)$

Have a look what the booklet for
Yxy(55.0261, 0.2874, 0.3469)
contains.

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Color

Yxy(55.2175, 0.2873, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	9ECEC0
RGB	158, 206, 192
RGB Percent	62%, 81%, 75%
CMY	0.3803, 0.1922, 0.2470
CMYK	0.23, 0.00, 0.07, 0.19
HSL	163°, 33%, 71%
HSV	163°, 23%, 81%
XYZ	45.6912, 55.2175, 58.1279
YIQ	190.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

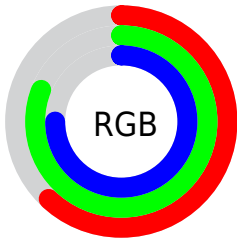
Format	Color
RYB	158, 186, 206
Decimal	10407616
CIELab	79.17, -18.52, 1.83
CIELCh	79, 18.608, 174.341
Yxy	55.2175, 0.2873, 0.3472
Android (android.graphics.Color)	4288597696 (0xFF9ECEC0)
YUV	190.0520, 0.9604, -28.1096
Hunter-Lab	74.3085, -20.2828, 5.6363

Details

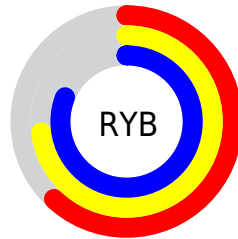
The Yxy color **55.2175, 0.2873, 0.3472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5630, 0.3467, 0.3116**, and the grayscale version is **51.5332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4434, 0.2914, 0.3361**, and **27.3238, 0.2798, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **53.0417, 0.2775, 0.3563**, and if you desaturate by 10%, it is **57.7589, 0.2979, 0.3389**.

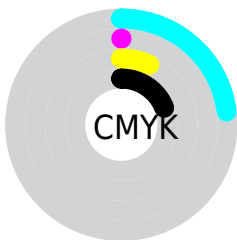
Distribution



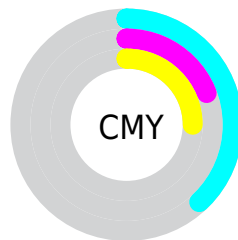
- Red (62%)
- Green (81%)
- Blue (75%)



- Red (62%)
- Yellow (73%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)





- Cyan (38%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2175, 0.2873, 0.3472 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 55.2175, 0.2873, 0.3472 by changing the saturation by 10% instead.

 55.2175, 0.2873,
0.3472


 55.2175, 0.2873,
0.3472


406.7359, 0.2997,
0.3383

 39.5759, 0.2843,
0.3494

 97.8596, 0.2917,
0.3440

 27.2080, 0.2805,
0.3521


 125.6288, 0.2934,
0.3428

 17.7295, 0.2756,
0.3557


158.2093, 0.2948,
0.3418

 10.7560, 0.2688,
0.3607

195.9856, 0.2961,
0.3409

 5.9030, 0.2591,
0.3679

239.3420, 0.2971,
0.3401

 2.7862, 0.2439,
0.3794

288.6629, 0.2981,

 1.0211, 0.2042,

0.3394

0.4068

344.3327, 0.2989,
0.3388

0.0000, 0.0000,
0.0000

55.2175, 0.2873,
0.3472

55.2175, 0.2873,
0.3472

53.0417, 0.2775,
0.3563

57.7589, 0.2979,
0.3389

51.2071, 0.2689,
0.3660

60.6753, 0.3090,
0.3313

49.6968, 0.2617,
0.3763

63.9845, 0.3204,
0.3245

48.4900, 0.2561,
0.3870

67.7008, 0.3319,
0.3185

47.5631, 0.2525,
0.3980

70.6773, 0.3386,
0.3128

■ 46.8890, 0.2508,
0.4091

■ 71.0051, 0.3342,
0.3069

■ 46.4352, 0.2511,
0.4201

■ 71.3444, 0.3298,
0.3010

■ 46.2156, 0.2521,
0.4274

■ 71.6955, 0.3254,
0.2952

■ 72.0584, 0.3212,
0.2895

Harmonies

Analogous

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



55.2175, 0.3104, 0.3655



55.2175, 0.2873, 0.3472



55.2175, 0.2713, 0.3240

Triad

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



55.2175, 0.2873, 0.3472



55.2175, 0.2898, 0.2884



55.2175, 0.3616, 0.3518

Complementary

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



55.2175, 0.2873, 0.3472



40.5630, 0.3467, 0.3116

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.



55.2175, 0.3558, 0.3315



55.2175, 0.2873, 0.3472



55.2175, 0.3136, 0.2960

Square

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



55.2175, 0.2873, 0.3472



55.2175, 0.2727, 0.2908



55.2175, 0.3379, 0.3114



55.2175, 0.3537, 0.3672

Rectangle

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



55.2175, 0.2873, 0.3472



55.2175, 0.2666, 0.3096



55.2175, 0.3379, 0.3114



55.2175, 0.3612, 0.3453

Sweetspot

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



55.2198, 0.2873, 0.3472



96.4398, 0.3047, 0.3341



55.4290, 0.3206, 0.3919



20.5796, 0.3040, 0.3346



0.0000, 0.0000, 0.0000



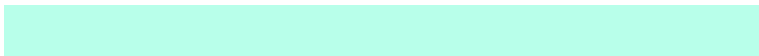
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2198, 0.2873, 0.3472



87.6125, 0.2822, 0.3517



51.3900, 0.2776, 0.3164



12.6691, 0.3022, 0.3358



28.4764, 0.2516, 0.4258



1.4819, 0.2457, 0.4045

Inverse Universe

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



40.5630, 0.3467, 0.3116



59.7543, 0.3564, 0.3076



43.4564, 0.3577, 0.3412



11.2666, 0.3245, 0.3223



8.2959, 0.5773, 0.2954



0.4413, 0.5204, 0.2640

Previews

White Background



This preview shows how the Yxy color 55.2175, 0.2873, 0.3472 looks on a white background.

Color Contrast Check

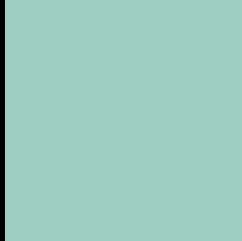
Large Text (above 18pt) WCAG AA × Fail

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 55.2175, 0.2873, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

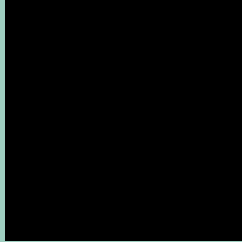
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

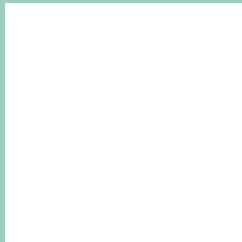
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2175, 0.2873, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 55.2175, 0.2873, 0.3472.



This preview shows how white text looks on a background with the Yxy color 55.2175, 0.2873, 0.3472.

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

55.2175, 0.2873, 0.3472

Protanopia

54.9929, 0.3243, 0.3400

Deuteranopia

54.6315, 0.3288, 0.3220



Tritanopia

55.0895, 0.2741, 0.3089

Trichromacy



Original Color

55.2175, 0.2873, 0.3472

Protanomaly

54.7920, 0.3097, 0.3428

Deuteranomaly

54.3946, 0.3127, 0.3302

Tritanomaly

54.8924, 0.2784, 0.3213

Monochromacy



Original Color

55.2175, 0.2873, 0.3472

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.7064, 0.3022, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2175, 0.2873, 0.3472 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(158, 206, 192)` looks like.

```
.text, #text, p{  
    color:rgb(158, 206, 192)  
}
```

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(158, 206, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 206, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.2175, 0.2873, 0.3472 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(158, 206, 192) }
```

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

```
.border{ border-color:rgb(158, 206, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 206, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 206, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 206, 192); box-shadow:4px 4px 4px 4px rgb(158, 206, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2175, 0.2873, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 206, 192) }
```

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

```
.background{ background-color: rgb(158,  
206, 192) }
```

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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