

Converting Colors

$Yxy(55.6696, 0.3028, 0.3769)$

Have a look what the booklet for
Yxy(55.6696, 0.3028, 0.3769)
contains.

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Color

Yxy(55.6674, 0.3025, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	A1D0AC
RGB	161, 208, 172
RGB Percent	63%, 82%, 67%
CMY	0.3685, 0.1843, 0.3256
CMYK	0.23, 0.00, 0.17, 0.18
HSL	134°, 33%, 72%
HSV	134°, 23%, 82%
XYZ	44.7024, 55.6674, 47.4067
YIQ	189.8430, -16.4560, -21.1600

Conversions

Conversions Part 2

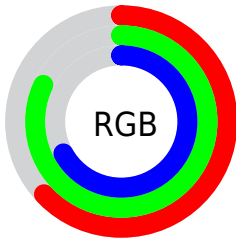
Format	Color
RYB	161, 199, 208
Decimal	10604716
CIELab	79.42, -22.47, 12.94
CIElCh	79, 25.933, 150.069
Yxy	55.6674, 0.3025, 0.3767
Android (android.graphics.Color)	4288794796 (0xFFA1D0AC)
YUV	189.8430, -8.7966, -25.2953
Hunter-Lab	74.6106, -23.6216, 14.5552

Details

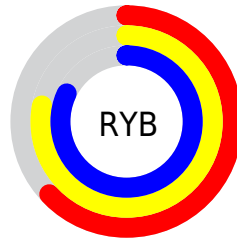
The Yxy color **55.6674, 0.3025, 0.3767** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.9430, 0.3249, 0.2856**, and the grayscale version is **51.4593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6650, 0.3046, 0.3583**, and **27.3267, 0.2985, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **53.1085, 0.2982, 0.4019**, and if you desaturate by 10%, it is **58.6640, 0.3070, 0.3540**.

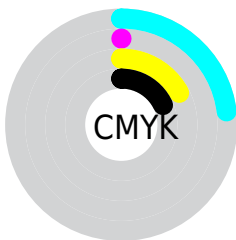
Distribution



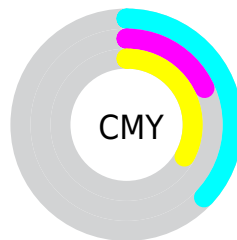
- Red (63%)
- Green (82%)
- Blue (67%)



- Red (63%)
- Yellow (78%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (37%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6674, 0.3025, 0.3767 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 55.6674, 0.3025, 0.3767 by changing the saturation by 10% instead.


 55.6674, 0.3025,
0.3767


 55.6674, 0.3025,
0.3767


408.4369, 0.3078,
0.3528

 39.9363, 0.3011,
0.3827

 98.5181, 0.3045,
0.3680

 27.4889, 0.2993,
0.3904


 126.4065, 0.3052,
0.3647

 17.9407, 0.2968,
0.4006


159.1162, 0.3058,
0.3620

 10.9074, 0.2932,
0.4149

197.0315, 0.3064,
0.3596

 6.0046, 0.2876,
0.4362

240.5368, 0.3068,
0.3576

 2.8479, 0.2777,
0.4711

290.0165, 0.3072,

 1.0528, 0.2565,

0.3558


0.6096


345.8551, 0.3075,
0.3542

 0.0000, 0.0000,
0.0000


 55.6674, 0.3025,
0.3767


 55.6674, 0.3025,
0.3767


 53.1085, 0.2982,
0.4019


 58.6640, 0.3070,
0.3540


 50.9600, 0.2944,
0.4291


 62.1103, 0.3116,
0.3338


 49.2022, 0.2913,
0.4578

 66.0265, 0.3160,
0.3161

 47.8109, 0.2893,
0.4870

 70.4295, 0.3203,
0.3006

 46.7593, 0.2885,
0.5152

 73.3835, 0.3171,
0.2861

■ 46.0168, 0.2892,
0.5408

■ 73.5921, 0.3149,
0.2831

■ 45.5469, 0.2912,
0.5623

■ 45.3295, 0.2931,
0.5752

Harmonies

Analogous

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



55.6674, 0.3366, 0.3899



55.6674, 0.3025, 0.3767



55.6674, 0.2723, 0.3483

Triad

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



55.6674, 0.3025, 0.3767



55.6674, 0.2612, 0.2747



55.6674, 0.3759, 0.3372

Complementary

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



55.6674, 0.3025, 0.3767



42.9430, 0.3249, 0.2856

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.



55.6674, 0.3535, 0.3096



55.6674, 0.3025, 0.3767



55.6674, 0.2865, 0.2746

Square

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



55.6674, 0.3025, 0.3767



55.6674, 0.2494, 0.2888



55.6674, 0.3203, 0.2872



55.6674, 0.3801, 0.3645

Rectangle

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



55.6674, 0.3025, 0.3767



55.6674, 0.2581, 0.3261



55.6674, 0.3203, 0.2872



55.6674, 0.3702, 0.3278

Sweetspot

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



55.6697, 0.3025, 0.3767



95.9198, 0.3095, 0.3426



59.6680, 0.3383, 0.3865



20.4592, 0.3092, 0.3438



0.0000, 0.0000, 0.0000



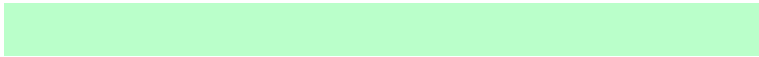
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6697, 0.3025, 0.3767



86.2517, 0.3004, 0.3883



56.6182, 0.2878, 0.3461



13.2508, 0.3084, 0.3473



28.2642, 0.2925, 0.5730



1.5929, 0.2824, 0.5368

Inverse Universe

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



42.9430, 0.3249, 0.2856



62.6701, 0.3280, 0.2762



41.9786, 0.3458, 0.3126



11.9599, 0.3173, 0.3113



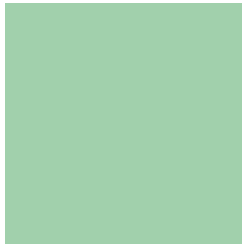
9.9445, 0.3898, 0.1921



0.5678, 0.3746, 0.1837

Previews

White Background



This preview shows how the Yxy color 55.6674, 0.3025, 0.3767 looks on a white background.

Color Contrast Check

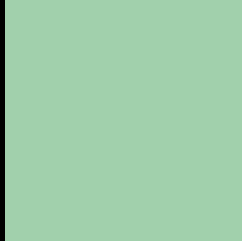
Large Text (above 18pt) WCAG AA × Fail

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 55.6674, 0.3025, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

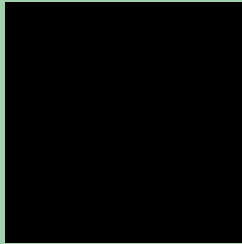
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6674, 0.3025, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 55.6674, 0.3025, 0.3767.



This preview shows how white text looks on a background with the Yxy color 55.6674, 0.3025, 0.3767.

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

55.6674, 0.3025, 0.3767

Protanopia

55.4984, 0.3447, 0.3654

Deuteranopia

55.2178, 0.3519, 0.3442



Tritanopia

55.7380, 0.2780, 0.3091

Trichromacy



Original Color

55.6674, 0.3025, 0.3767

Protanomaly

55.0829, 0.3283, 0.3693

Deuteranomaly

54.8544, 0.3318, 0.3548

Tritanomaly

55.5098, 0.2869, 0.3327

Monochromacy



Original Color

55.6674, 0.3025, 0.3767

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.9351, 0.3087, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6674, 0.3025, 0.3767 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(161, 208, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 208, 172)  
}
```

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(161, 208, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 208, 172) }
```

Border

The CSS property to change the border of an element to Yxy 55.6674, 0.3025, 0.3767 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(161, 208, 172) }
```

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

```
.border{ border-color:rgb(161, 208, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 208, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 208,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6674, 0.3025, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 208, 172) }
```

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

```
.background{ background-color: rgb(161,  
208, 172) }
```

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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