

Converting Colors

$Yxy(55.2874, 0.3050, 0.3628)$

Have a look what the booklet for
Yxy(55.2874, 0.3050, 0.3628)
contains.

Yxy(55.4634, 0.3044, 0.3627)	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(55.4634, 0.3044, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	AACDB3
RGB	170, 205, 179
RGB Percent	67%, 80%, 70%
CMY	0.3333, 0.1961, 0.2980
CMYK	0.17, 0.00, 0.13, 0.20
HSL	135°, 26%, 74%
HSV	135°, 17%, 80%
XYZ	46.5483, 55.4634, 50.9064
YIQ	191.5710, -12.5140, -15.5060

Conversions

Conversions Part 2

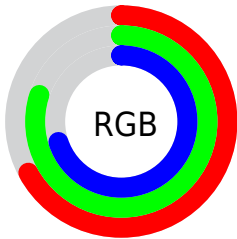
Format	Color
R _{YB}	170, 198, 205
Decimal	11193779
CIE Lab	79.31, -16.69, 9.10
CIE LCh	79, 19.009, 151.411
Yxy	55.4634, 0.3044, 0.3627
Android (android.graphics.Color)	4289383859 (0xFFAACDB3)
YUV	191.5710, -6.1975, -18.9178
Hunter-Lab	74.4738, -18.7613, 11.6040

Details

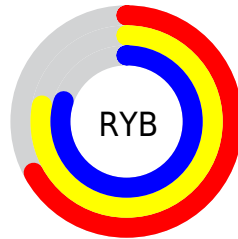
The Yxy color **55.4634, 0.3044, 0.3627** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7187, 0.3222, 0.2975**, and the grayscale version is **52.4942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6869, 0.3062, 0.3494**, and **27.4215, 0.3018, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **52.7736, 0.2997, 0.3857**, and if you desaturate by 10%, it is **58.5822, 0.3093, 0.3421**.

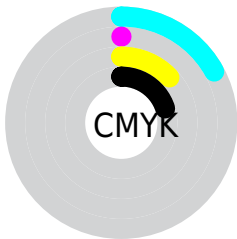
Distribution



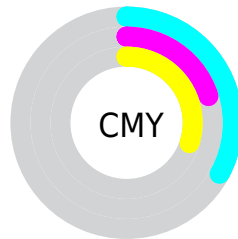
- Red (67%)
- Green (80%)
- Blue (70%)



- Red (67%)
- Yellow (78%)
- Blue (80%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4634, 0.3044, 0.3627 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 55.4634, 0.3044, 0.3627 by changing the saturation by 10% instead.

■ 55.4634, 0.3044,
0.3627

■ 55.4634, 0.3044,
0.3627

407.6661, 0.3086,
0.3460

■ 39.7729, 0.3033,
0.3669

■ 98.2196, 0.3060,
0.3566

■ 27.3615, 0.3019,
0.3722

126.0540, 0.3065,
0.3544

■ 17.8449, 0.3001,
0.3792

158.7052, 0.3070,
0.3524

■ 10.8387, 0.2974,
0.3890

196.5575, 0.3074,
0.3508

■ 5.9585, 0.2934,
0.4035

239.9954, 0.3078,
0.3493

■ 2.8198, 0.2866,
0.4272

289.4032, 0.3081,


■ 1.0384, 0.2728,


0.3481

0.4954

345.1653, 0.3084,
0.3469

 0.0000, 0.0000,
0.0000

 55.4634, 0.3044,
0.3627

 55.4634, 0.3044,
0.3627

 52.7736, 0.2997,
0.3857


 58.5822, 0.3093,
0.3421


 50.4871, 0.2953,
0.4110


 62.1404, 0.3141,
0.3239


 48.5862, 0.2916,
0.4381

 66.1568, 0.3189,
0.3079

 47.0490, 0.2887,
0.4663

 70.6473, 0.3234,
0.2940

 45.8515, 0.2871,
0.4945

 72.1431, 0.3150,
0.2801

■ 44.9667, 0.2870,
0.5213

■ 44.3631, 0.2883,
0.5453

■ 43.9994, 0.2910,
0.5652

■ 43.9178, 0.2917,
0.5702

Harmonies

Analogous

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



55.4634, 0.3295, 0.3731



55.4634, 0.3044, 0.3627



55.4634, 0.2821, 0.3421

Triad

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



55.4634, 0.3044, 0.3627



55.4634, 0.2752, 0.2885



55.4634, 0.3593, 0.3366

Complementary

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



55.4634, 0.3044, 0.3627



45.7187, 0.3222, 0.2975

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.



55.4634, 0.3436, 0.3156



55.4634, 0.3044, 0.3627



55.4634, 0.2946, 0.2886

Square

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



55.4634, 0.3044, 0.3627



55.4634, 0.2658, 0.2990



55.4634, 0.3196, 0.2984



55.4634, 0.3619, 0.3566

Rectangle

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



55.4634, 0.3044, 0.3627



55.4634, 0.2717, 0.3262



55.4634, 0.3196, 0.2984



55.4634, 0.3554, 0.3295

Sweetspot

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



55.4657, 0.3044, 0.3627



97.0665, 0.3103, 0.3383



58.3357, 0.3311, 0.3720



20.6912, 0.3099, 0.3396



0.0000, 0.0000, 0.0000



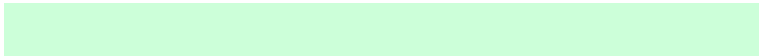
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4657, 0.3044, 0.3627



89.3734, 0.3029, 0.3698



56.2076, 0.2929, 0.3401



12.5836, 0.3081, 0.3467



27.3534, 0.2911, 0.5679



1.4238, 0.2800, 0.5280

Inverse Universe

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



45.7187, 0.3222, 0.2975



70.8493, 0.3243, 0.2914



44.9782, 0.3373, 0.3182



11.3525, 0.3176, 0.3119



9.5127, 0.3981, 0.1967



0.5027, 0.3799, 0.1866

Previews

White Background



This preview shows how the Yxy color 55.4634, 0.3044, 0.3627 looks on a white background.

Color Contrast Check

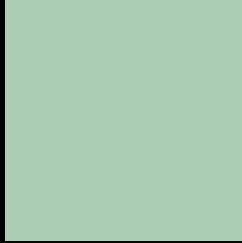
Large Text (above 18pt) WCAG AA × Fail

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 55.4634, 0.3044, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

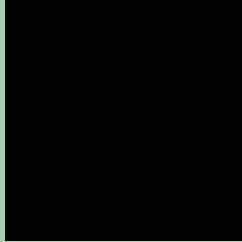
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

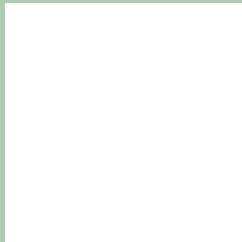
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4634, 0.3044, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 55.4634, 0.3044, 0.3627.



This preview shows how white text looks on a background with the Yxy color 55.4634, 0.3044, 0.3627.

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

55.4634, 0.3044, 0.3627

Protanopia

55.0653, 0.3369, 0.3545

Deuteranopia

54.9882, 0.3444, 0.3372



Tritanopia

55.4965, 0.2840, 0.3093

Trichromacy



Original Color

55.4634, 0.3044, 0.3627

Protanomaly

55.1879, 0.3241, 0.3577

Deuteranomaly

54.9230, 0.3290, 0.3461

Tritanomaly

55.5515, 0.2911, 0.3277

Monochromacy



Original Color

55.4634, 0.3044, 0.3627

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7107, 0.3098, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4634, 0.3044, 0.3627 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(170, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(170, 205, 179)  
}
```

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(170, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 205, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.4634, 0.3044, 0.3627 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(170, 205, 179) }
```

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

```
.border{ border-color:rgb(170, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(170, 205,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4634, 0.3044, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 205, 179) }
```

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

```
.background{ background-color: rgb(170,  
205, 179) }
```

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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