

Converting Colors

Yxy(57.4280, 0.3103, 0.3931)

Have a look what the booklet for
Yxy(57.4280, 0.3103, 0.3931)
contains.

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Color

Yxy(57.6238, 0.3104, 0.3934)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A4D4A3 |
| RGB | 164, 212, 163 |
| RGB Percent | 64%, 83%, 64% |
| CMY | 0.3568, 0.1686, 0.3607 |
| CMYK | 0.23, 0.00, 0.23, 0.17 |
| HSL | 119°, 36%, 74% |
| HSV | 119°, 23%, 83% |
| XYZ | 45.4663, 57.6238, 43.3863 |
| YIQ | 192.0620, -12.8790, -25.4150 |

Conversions

Conversions Part 2

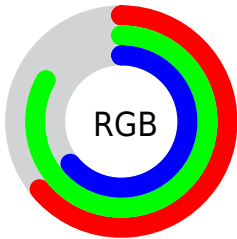
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 163, 212, 211 |
| Decimal | 10802339 |
| CIELab | 80.53, -25.03, 19.26 |
| CIELCh | 81, 31.584, 142.432 |
| Yxy | 57.6238, 0.3104, 0.3934 |
| Android (android.graphics.Color) | 4288992419 (0xFFA4D4A3) |
| YUV | 192.0620, -14.3276, -24.6104 |
| Hunter-Lab | 75.9103, -25.9311, 19.2502 |

Details

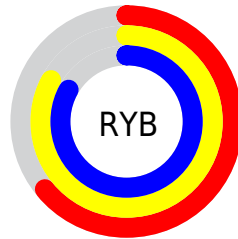
The Yxy color **57.6238, 0.3104, 0.3934** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8078, 0.3145, 0.2718**, and the grayscale version is **52.8438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7976, 0.3121, 0.3677**, and **28.6411, 0.3088, 0.4118** is the 20% darker color. If you saturate the color by 10%, you get **54.8959, 0.3091, 0.4266**, and if you desaturate by 10%, it is **60.8450, 0.3115, 0.3633**.

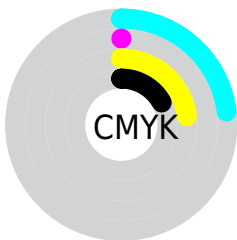
Distribution



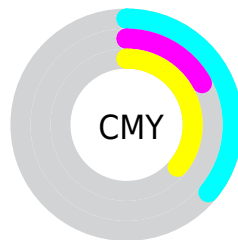
- Red (64%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (83%)



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




- Cyan (36%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6238, 0.3104, 0.3934 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 57.6238, 0.3104, 0.3934 by changing the saturation by 10% instead.

 57.6238, 0.3104,
0.3934

 57.6238, 0.3104,
0.3934


415.7827, 0.3122,
0.3611

 41.5063, 0.3098,
0.4015


 101.3748, 0.3112,
0.3817

 28.7149, 0.3089,
0.4118


 129.7771, 0.3114,
0.3773

 18.8652, 0.3075,
0.4255


163.0431, 0.3116,
0.3735

 11.5730, 0.3053,
0.4446

201.5572, 0.3118,
0.3703

 6.4536, 0.3012,
0.4728

245.7039, 0.3119,
0.3676

 3.1228, 0.2930,
0.5182

295.8674, 0.3120,

 1.1962, 0.2934,

0.3652

0.7066

352.4322, 0.3121,
0.3630

0.0586, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6238, 0.3104,
0.3934

57.6238, 0.3104,
0.3934

54.8959, 0.3091,
0.4266

60.8450, 0.3115,
0.3633

52.6301, 0.3076,
0.4618

64.5745, 0.3125,
0.3366

50.8031, 0.3061,
0.4974

68.8355, 0.3132,
0.3133

49.3864, 0.3045,
0.5311

73.6477, 0.3139,
0.2932

■ 48.3484, 0.3030,
0.5600

■ 75.5680, 0.3147,
0.2871

■ 47.6526, 0.3017,
0.5817

■ 47.2557, 0.3007,
0.5948

■ 47.1155, 0.3004,
0.5997

Harmonies

Analogous

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



57.6238, 0.3508, 0.4031



57.6238, 0.3104, 0.3934



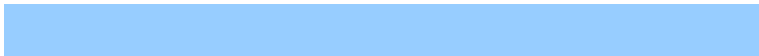
57.6238, 0.2723, 0.3622

Triad

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



57.6238, 0.3104, 0.3934



57.6238, 0.2460, 0.2668



57.6238, 0.3840, 0.3296

Complementary

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



57.6238, 0.3104, 0.3934



44.8078, 0.3145, 0.2718

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.



57.6238, 0.3523, 0.2981



57.6238, 0.3104, 0.3934



57.6238, 0.2722, 0.2629

Square

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



57.6238, 0.3104, 0.3934



57.6238, 0.2368, 0.2872



57.6238, 0.3107, 0.2744



57.6238, 0.3950, 0.3628

Rectangle

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



57.6238, 0.3104, 0.3934



57.6238, 0.2530, 0.3353



57.6238, 0.3107, 0.2744



57.6238, 0.3753, 0.3186

Sweetspot

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



57.6262, 0.3104, 0.3934



95.7353, 0.3121, 0.3468



62.9184, 0.3478, 0.3845



20.4166, 0.3120, 0.3484



0.0000, 0.0000, 0.0000



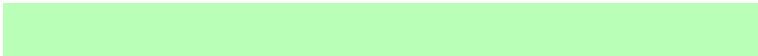
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6262, 0.3104, 0.3934



85.2822, 0.3097, 0.4103



58.4170, 0.2949, 0.3627



13.9077, 0.3119, 0.3531



29.0913, 0.3005, 0.5996



1.7589, 0.3020, 0.5984

Inverse Universe

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



44.8078, 0.3145, 0.2718



62.3245, 0.3149, 0.2588



43.8802, 0.3355, 0.2976



12.6194, 0.3135, 0.3060



11.1963, 0.3160, 0.1514



0.6794, 0.3169, 0.1519

Previews

White Background



This preview shows how the Yxy color 57.6238, 0.3104, 0.3934 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 57.6238, 0.3104, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

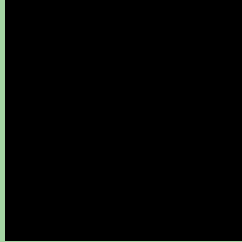
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6238, 0.3104, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 57.6238, 0.3104, 0.3934.



This preview shows how white text looks on a background with the Yxy color 57.6238, 0.3104, 0.3934.

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

57.6238, 0.3104, 0.3934

Protanopia

57.2782, 0.3552, 0.3792

Deuteranopia

57.3123, 0.3647, 0.3575



Tritanopia

57.4049, 0.2797, 0.3082

Trichromacy



Original Color

57.6238, 0.3104, 0.3934

Protanomaly

57.2910, 0.3383, 0.3849

Deuteranomaly

56.7218, 0.3432, 0.3690

Tritanomaly

57.3418, 0.2905, 0.3378

Monochromacy



Original Color

57.6238, 0.3104, 0.3934

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.1281, 0.3124, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6238, 0.3104, 0.3934 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(164, 212, 163)` looks like.

```
.text, #text, p{  
    color:rgb(164, 212, 163)  
}
```

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(164, 212, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 212, 163) }
```

Border

The CSS property to change the border of an element to Yxy 57.6238, 0.3104, 0.3934 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(164, 212, 163) }
```

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

```
.border{ border-color:rgb(164, 212, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 212, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 212, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 212, 163);  
box-shadow:4px 4px 4px 4px rgb(164, 212,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6238, 0.3104, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 212, 163) }
```

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

```
.background{ background-color: rgb(164,  
212, 163) }
```

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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