

Converting Colors

Yxy(57.2438, 0.3159, 0.4087)

Have a look what the booklet for
Yxy(57.2438, 0.3159, 0.4087)
contains.

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Color

Yxy(57.0353, 0.3161, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	A2D498
RGB	162, 212, 152
RGB Percent	64%, 83%, 60%
CMY	0.3647, 0.1686, 0.4038
CMYK	0.24, 0.00, 0.28, 0.17
HSL	110°, 41%, 71%
HSV	110°, 28%, 83%
XYZ	44.1127, 57.0353, 38.4050
YIQ	190.2100, -10.5400, -29.2600

Conversions

Conversions Part 2

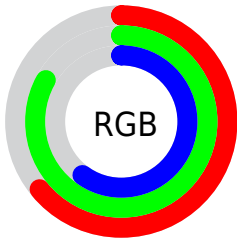
Format	Color
RYB	152, 212, 202
Decimal	10671256
CIELab	80.20, -27.53, 24.55
CIELCh	80, 36.890, 138.277
Yxy	57.0353, 0.3161, 0.4087
Android (android.graphics.Color)	4288861336 (0xFFA2D498)
YUV	190.2100, -18.8375, -24.7402
Hunter-Lab	75.5217, -27.9001, 22.7145

Details

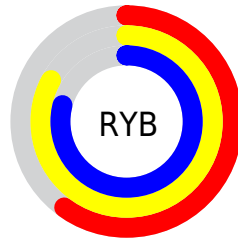
The Yxy color **57.0353, 0.3161, 0.4087** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.7853, 0.3069, 0.2571**, and the grayscale version is **51.7372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9304, 0.3171, 0.3798**, and **28.3047, 0.3153, 0.4308** is the 20% darker color. If you saturate the color by 10%, you get **54.6806, 0.3166, 0.4418**, and if you desaturate by 10%, it is **59.7793, 0.3151, 0.3779**.

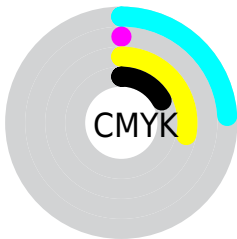
Distribution



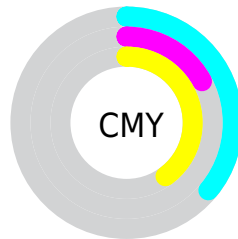
- Red (64%)
- Green (83%)
- Blue (60%)



- Red (60%)
- Yellow (83%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0353, 0.3161, 0.4087 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 57.0353, 0.3161, 0.4087 by changing the saturation by 10% instead.


 57.0353, 0.3161,
0.4087


 57.0353, 0.3161,
0.4087


413.5816, 0.3154,
0.3685

 41.0336, 0.3159,
0.4188


 100.5167, 0.3161,
0.3940

 28.3453, 0.3156,
0.4317


 128.7652, 0.3160,
0.3886

 18.5861, 0.3147,
0.4489


161.8647, 0.3159,
0.3839

 11.3716, 0.3129,
0.4728

200.1996, 0.3158,
0.3800

 6.3174, 0.3089,
0.5080

244.1544, 0.3157,
0.3765

 3.0390, 0.3004,
0.5658

294.1134, 0.3156,

 1.1521, 0.2582,

0.3735

0.7418

350.4610, 0.3155,
0.3709

■ 0.0221, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0353, 0.3161,
0.4087

■ 57.0353, 0.3161,
0.4087

■ 54.6806, 0.3166,
0.4418

■ 59.7793, 0.3151,
0.3779

■ 52.6906, 0.3165,
0.4760

■ 62.9217, 0.3139,
0.3499

■ 51.0488, 0.3157,
0.5095

■ 66.4802, 0.3125,
0.3249

■ 49.7349, 0.3140,
0.5402

■ 70.4694, 0.3109,
0.3030

■ 48.7260, 0.3115,
0.5657

■ 74.7057, 0.3114,
0.2867

■ 47.9964, 0.3084,
0.5840

■ 75.5686, 0.3147,
0.2871

■ 47.5132, 0.3051,
0.5948

■ 47.4495, 0.3047,
0.5963

Harmonies

Analogous

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



57.0353, 0.3627, 0.4154



57.0353, 0.3161, 0.4087



57.0353, 0.2707, 0.3744

Triad

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



57.0353, 0.3161, 0.4087



57.0353, 0.2327, 0.2587



57.0353, 0.3925, 0.3238

Complementary

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



57.0353, 0.3161, 0.4087



39.7853, 0.3069, 0.2571

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.



57.0353, 0.3525, 0.2887



57.0353, 0.3161, 0.4087



57.0353, 0.2602, 0.2521

Square

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



57.0353, 0.3161, 0.4087



57.0353, 0.2250, 0.2843



57.0353, 0.3033, 0.2632



57.0353, 0.4091, 0.3622

Rectangle

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



57.0353, 0.3161, 0.4087



57.0353, 0.2471, 0.3427



57.0353, 0.3033, 0.2632



57.0353, 0.3812, 0.3114

Sweetspot

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



57.0377, 0.3161, 0.4087



95.6700, 0.3139, 0.3493



58.5111, 0.3581, 0.3884



20.3130, 0.3141, 0.3534



0.0000, 0.0000, 0.0000



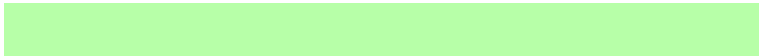
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0377, 0.3161, 0.4087



84.3885, 0.3165, 0.4286



56.7472, 0.2962, 0.3825



13.9940, 0.3140, 0.3529



29.3213, 0.3053, 0.5958



1.7998, 0.3156, 0.5876

Inverse Universe

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



39.7853, 0.3069, 0.2571



53.9672, 0.3052, 0.2413



40.2727, 0.3343, 0.2810



12.5235, 0.3112, 0.3058



8.7279, 0.2795, 0.1313



0.5548, 0.2870, 0.1355

Previews

White Background



This preview shows how the Yxy color 57.0353, 0.3161, 0.4087 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 57.0353, 0.3161, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

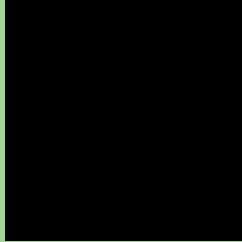
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0353, 0.3161, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 57.0353, 0.3161, 0.4087.



This preview shows how white text looks on a background with the Yxy color 57.0353, 0.3161, 0.4087.

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

57.0353, 0.3161, 0.4087

Protanopia

56.6096, 0.3649, 0.3910

Deuteranopia

56.4170, 0.3753, 0.3665



Tritanopia

56.7106, 0.2802, 0.3093

Trichromacy



Original Color

57.0353, 0.3161, 0.4087

Protanomaly

56.3193, 0.3457, 0.3978

Deuteranomaly

56.0201, 0.3528, 0.3812

Tritanomaly

56.5178, 0.2930, 0.3430

Monochromacy



Original Color

57.0353, 0.3161, 0.4087

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.2261, 0.3145, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0353, 0.3161, 0.4087 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(162, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(162, 212, 152)  
}
```

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(162, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 212, 152) }
```

Border

The CSS property to change the border of an element to Yxy 57.0353, 0.3161, 0.4087 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(162, 212, 152) }
```

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

```
.border{ border-color:rgb(162, 212, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(162, 212,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0353, 0.3161, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 212, 152) }
```

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

```
.background{ background-color: rgb(162,  
212, 152) }
```

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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