

Converting Colors

$Yxy(57.8464, 0.2992, 0.3737)$

Have a look what the booklet for
Yxy(57.8464, 0.2992, 0.3737)
contains.

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Color

Yxy(57.9827, 0.2992, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	A2D4B2
RGB	162, 212, 178
RGB Percent	64%, 83%, 70%
CMY	0.3649, 0.1686, 0.3019
CMYK	0.24, 0.00, 0.16, 0.17
HSL	139°, 37%, 73%
HSV	139°, 24%, 83%
XYZ	46.4731, 57.9827, 50.8688
YIQ	193.1740, -18.8860, -21.1740

Conversions

Conversions Part 2

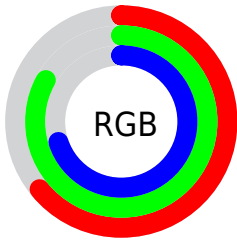
Format	Color
RYB	162, 200, 212
Decimal	10671282
CIELab	80.73, -23.03, 11.59
CIElCh	81, 25.781, 153.296
Yxy	57.9827, 0.2992, 0.3733
Android (android.graphics.Color)	4288861362 (0xFFA2D4B2)
YUV	193.1740, -7.4808, -27.3396
Hunter-Lab	76.1464, -24.3152, 13.6944

Details

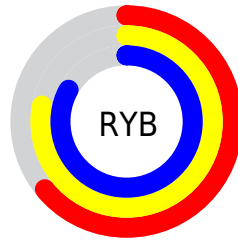
The Yxy color **57.9827, 0.2992, 0.3733** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.8058, 0.3295, 0.2885**, and the grayscale version is **53.4855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3659, 0.3020, 0.3507**, and **28.8458, 0.2953, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **55.4012, 0.2939, 0.3957**, and if you desaturate by 10%, it is **61.0040, 0.3048, 0.3531**.

Distribution



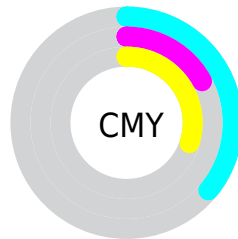
- Red (64%)
- Green (83%)
- Blue (70%)



- Red (64%)
- Yellow (78%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)



- Cyan (36%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9827, 0.2992, 0.3733 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 57.9827, 0.2992, 0.3733 by changing the saturation by 10% instead.

 57.9827, 0.2992,
0.3733


 57.9827, 0.2992,
0.3733


417.1215, 0.3060,
0.3513

 41.7947, 0.2975,
0.3788

 101.8977, 0.3017,
0.3653

 28.9406, 0.2952,
0.3857


 130.3935, 0.3026,
0.3623

 19.0359, 0.2923,
0.3950

163.7607, 0.3034,
0.3598

 11.6962, 0.2881,
0.4078

202.3837, 0.3041,
0.3576

 6.5372, 0.2817,
0.4267

246.6468, 0.3047,
0.3557

 3.1744, 0.2712,
0.4573

296.9346, 0.3052,

 1.2234, 0.2493,

0.3541

0.5381

353.6313, 0.3056,
0.3526

0.0807, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9827, 0.2992,
0.3733

57.9827, 0.2992,
0.3733

55.4012, 0.2939,
0.3957

61.0040, 0.3048,
0.3531

53.2317, 0.2893,
0.4199


64.4771, 0.3106,
0.3350

51.4541, 0.2856,
0.4455


68.4225, 0.3164,
0.3190

50.0441, 0.2832,
0.4719


72.8573, 0.3220,
0.3051


 48.9741, 0.2823,
0.4978

 75.2565, 0.3181,
0.2917

 48.2129, 0.2832,
0.5222

 75.5739, 0.3147,
0.2871

 47.7227, 0.2857,
0.5439

 47.5116, 0.2878,
0.5560

Harmonies

Analogous

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



57.9827, 0.3327, 0.3882



57.9827, 0.2992, 0.3733



57.9827, 0.2704, 0.3444

Triad

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



57.9827, 0.2992, 0.3733



57.9827, 0.2642, 0.2751



57.9827, 0.3760, 0.3401

Complementary

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



57.9827, 0.2992, 0.3733



43.8058, 0.3295, 0.2885

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.



57.9827, 0.3558, 0.3127



57.9827, 0.2992, 0.3733



57.9827, 0.2903, 0.2764

Square

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



57.9827, 0.2992, 0.3733



57.9827, 0.2511, 0.2875



57.9827, 0.3238, 0.2900



57.9827, 0.3781, 0.3664

Rectangle

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



57.9827, 0.2992, 0.3733



57.9827, 0.2574, 0.3227



57.9827, 0.3238, 0.2900



57.9827, 0.3711, 0.3308

Sweetspot

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



57.9851, 0.2992, 0.3733



96.0140, 0.3086, 0.3410



61.4581, 0.3356, 0.3900



20.4810, 0.3083, 0.3421



0.0000, 0.0000, 0.0000



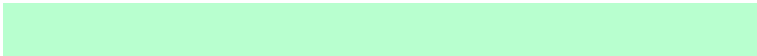
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9851, 0.2992, 0.3733



86.1421, 0.2967, 0.3835



59.0741, 0.2836, 0.3405



13.9610, 0.3073, 0.3452



29.3433, 0.2871, 0.5535



1.7848, 0.2772, 0.5179

Inverse Universe

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



43.8058, 0.3295, 0.2885



61.2063, 0.3336, 0.2802



42.7678, 0.3525, 0.3179



12.5617, 0.3186, 0.3133



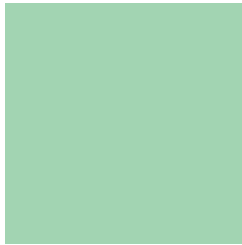
9.9027, 0.4218, 0.2097



0.6121, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 57.9827, 0.2992, 0.3733 looks on a white background.

Color Contrast Check

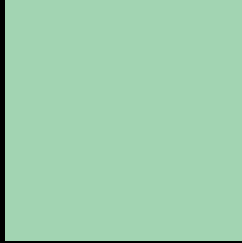
Large Text (above 18pt) WCAG AA × Fail

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 57.9827, 0.2992, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

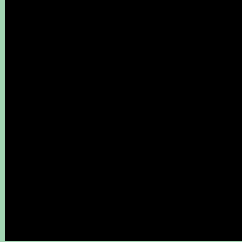
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9827, 0.2992, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 57.9827, 0.2992, 0.3733.



This preview shows how white text looks on a background with the Yxy color 57.9827, 0.2992, 0.3733.

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

57.9827, 0.2992, 0.3733

Protanopia

57.5270, 0.3419, 0.3613

Deuteranopia

57.6861, 0.3487, 0.3416



Tritanopia

57.9626, 0.2767, 0.3094

Trichromacy



Original Color

57.9827, 0.2992, 0.3733

Protanomaly

57.5792, 0.3257, 0.3661

Deuteranomaly

57.3413, 0.3291, 0.3520

Tritanomaly

57.7835, 0.2847, 0.3314

Monochromacy



Original Color

57.9827, 0.2992, 0.3733

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.8845, 0.3074, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9827, 0.2992, 0.3733 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(162, 212, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 212, 178) }
```

Border

The CSS property to change the border of an element to Yxy 57.9827, 0.2992, 0.3733 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, 178) }
```

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

```
.border{ border-color:rgb(162, 212, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 212, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 212, 178);  
box-shadow:4px 4px 4px 4px rgb(162, 212,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9827, 0.2992, 0.3733 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, 178) }
```

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

```
.background{ background-color: rgb(162,  
212, 178) }
```

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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