

Converting Colors

$Yxy(42.7267, 0.2869, 0.3864)$

Have a look what the booklet for
Yxy(42.7267, 0.2869, 0.3864)
contains.

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Color

Yxy(42.7271, 0.2867, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	79BD98
RGB	121, 189, 152
RGB Percent	47%, 74%, 60%
CMY	0.5254, 0.2588, 0.4040
CMYK	0.36, 0.00, 0.20, 0.26
HSL	147°, 34%, 61%
HSV	147°, 36%, 74%
XYZ	31.7518, 42.7271, 36.2704
YIQ	164.4500, -28.6510, -25.9230

Conversions

Conversions Part 2

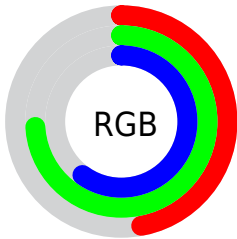
Format	Color
R _{YB}	121, 168, 189
Decimal	7978392
CIE Lab	71.37, -29.66, 12.00
CIE LCh	71, 31.992, 157.979
Yxy	42.7271, 0.2867, 0.3858
Android (android.graphics.Color)	4286168472 (0xFF79BD98)
YUV	164.4500, -6.1379, -38.1057
Hunter-Lab	65.3660, -27.6832, 12.8572

Details

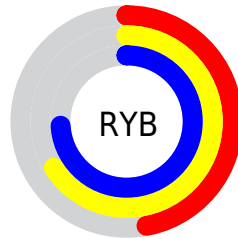
The Yxy color **42.7271, 0.2867, 0.3858** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.9713, 0.3514, 0.2787**, and the grayscale version is **37.3932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4817, 0.2918, 0.3754**, and **19.5327, 0.2784, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **41.1714, 0.2809, 0.4051**, and if you desaturate by 10%, it is **44.5832, 0.2934, 0.3679**.

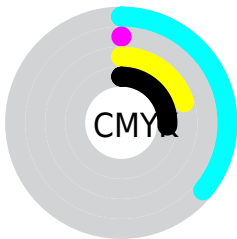
Distribution



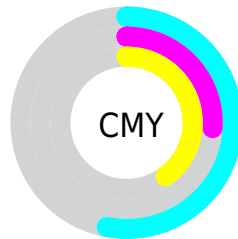
- Red (47%)
- Green (74%)
- Blue (60%)



- Red (47%)
- Yellow (66%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)




- Cyan (53%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7271, 0.2867, 0.3858 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 42.7271, 0.2867, 0.3858 by changing the saturation by 10% instead.


 42.7271, 0.2867,
0.3858


 42.7271, 0.2867,
0.3858

357.4883, 0.3004,
0.3559


 29.6711, 0.2830,
0.3938


 79.2989, 0.2919,
0.3746

 19.5890, 0.2782,
0.4043


 103.5834, 0.2937,
0.3705

 12.0967, 0.2715,
0.4190


 132.3795, 0.2953,
0.3670

 6.8096, 0.2615,
0.4406

166.0717, 0.2966,
0.3641

 3.3433, 0.2454,
0.4755

205.0442, 0.2978,
0.3616

 1.3135, 0.2038,
0.5667

249.6816, 0.2988,

 0.1516, 0.0000,

0.3595

1.0000

300.3681, 0.2996,
0.3576

0.0000, 0.0000,
0.0000

42.7271, 0.2867,
0.3858

42.7271, 0.2867,
0.3858

41.1714, 0.2809,
0.4051

44.5832, 0.2934,
0.3679

39.8942, 0.2764,
0.4255

46.7494, 0.3006,
0.3516

38.8794, 0.2733,
0.4467


49.2416, 0.3082,
0.3370

38.1065, 0.2721,
0.4679


52.0731, 0.3158,
0.3239

37.5520, 0.2728,
0.4887


55.2562, 0.3234,
0.3124


 37.1865, 0.2754,
0.5082

 58.8027, 0.3308,
0.3022

 37.0682, 0.2766,
0.5158

 62.7240, 0.3380,
0.2933

 63.6149, 0.3313,
0.2835

 64.2251, 0.3234,
0.2738

Harmonies

Analogous

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



42.7271, 0.3319, 0.4103



42.7271, 0.2867, 0.3858



42.7271, 0.2502, 0.3427

Triad

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



42.7271, 0.2867, 0.3858



42.7271, 0.2515, 0.2554



42.7271, 0.4023, 0.3485

Complementary

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



42.7271, 0.2867, 0.3858



26.9713, 0.3514, 0.2787

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.



42.7271, 0.3777, 0.3119



42.7271, 0.2867, 0.3858



42.7271, 0.2884, 0.2604

Square

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



42.7271, 0.2867, 0.3858



42.7271, 0.2313, 0.2681



42.7271, 0.3348, 0.2806



42.7271, 0.4004, 0.3834

Rectangle

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



42.7271, 0.2867, 0.3858



42.7271, 0.2351, 0.3125



42.7271, 0.3348, 0.2806



42.7271, 0.3968, 0.3361

Sweetspot

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



42.7289, 0.2867, 0.3858



85.7903, 0.3042, 0.3444



45.0877, 0.3386, 0.4260



18.3205, 0.3032, 0.3464



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.7289, 0.2867, 0.3858



74.3270, 0.2821, 0.4006



43.9908, 0.2649, 0.3338



10.7199, 0.3056, 0.3418



24.9556, 0.2759, 0.5134



0.9907, 0.2629, 0.4664

Inverse Universe

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



26.9713, 0.3514, 0.2787



42.0225, 0.3632, 0.2679



25.9671, 0.3935, 0.3245



9.6210, 0.3205, 0.3166



7.9529, 0.4748, 0.2389



0.3246, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 42.7271, 0.2867, 0.3858 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 42.7271, 0.2867, 0.3858 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 42.7271, 0.2867, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 42.7271, 0.2867, 0.3858.



This preview shows how white text looks on a background with the Yxy color 42.7271, 0.2867, 0.3858.

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

42.7271, 0.2867, 0.3858

Protanopia

42.4761, 0.3476, 0.3697

Deuteranopia

42.2759, 0.3508, 0.3447



Tritanopia

42.7235, 0.2631, 0.3090

Trichromacy



Original Color

42.7271, 0.2867, 0.3858

Protanomaly

41.9239, 0.3228, 0.3750

Deuteranomaly

41.8522, 0.3238, 0.3585

Tritanomaly

42.5461, 0.2710, 0.3347

Monochromacy



Original Color

42.7271, 0.2867, 0.3858

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.7211, 0.3013, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7271, 0.2867, 0.3858 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(121, 189, 152)` looks like.

```
.text, #text, p{  
    color:rgb(121, 189, 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(121, 189, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 189, 152) }
```

Border

The CSS property to change the border of an element to Yxy 42.7271, 0.2867, 0.3858 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(121, 189, 152) }
```

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

```
.border{ border-color:rgb(121, 189, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 189, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 189, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 189, 152);  
box-shadow:4px 4px 4px 4px rgb(121, 189,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7271, 0.2867, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 189, 152) }
```

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

```
.background{ background-color: rgb(121,  
189, 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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