

Converting Colors

$Yxy(44.7820, 0.2904, 0.3983)$

Have a look what the booklet for
Yxy(44.7820, 0.2904, 0.3983)
contains.

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Color

Yxy(44.8593, 0.2904, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	7AC294
RGB	122, 194, 148
RGB Percent	48%, 76%, 58%
CMY	0.5215, 0.2392, 0.4195
CMYK	0.37, 0.00, 0.24, 0.24
HSL	142°, 37%, 62%
HSV	142°, 37%, 76%
XYZ	32.6658, 44.8593, 34.9606
YIQ	167.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

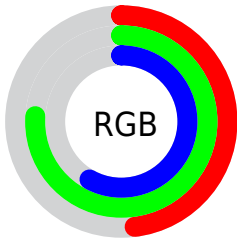
Format	Color
RYB	122, 175, 194
Decimal	8045204
CIELab	72.80, -32.52, 16.15
CIELCh	73, 36.312, 153.593
Yxy	44.8593, 0.2904, 0.3988
Android (android.graphics.Color)	4286235284 (0xFF7AC294)
YUV	167.2280, -9.4794, -39.6650
Hunter-Lab	66.9771, -30.1525, 15.9359

Details

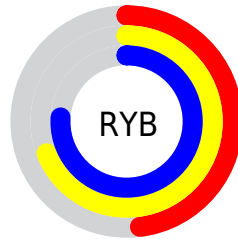
The Yxy color **44.8593, 0.2904, 0.3988** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.2200, 0.3452, 0.2686**, and the grayscale version is **38.8211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6057, 0.2952, 0.3853**, and **20.8844, 0.2828, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **43.2115, 0.2857, 0.4219**, and if you desaturate by 10%, it is **46.8355, 0.2959, 0.3774**.

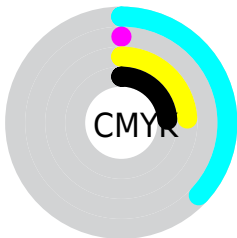
Distribution



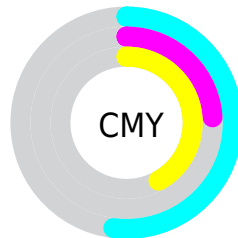
- Red (48%)
- Green (76%)
- Blue (58%)



- Red (48%)
- Yellow (69%)
- Blue (76%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)





- Cyan (52%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8593, 0.2904, 0.3988 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 44.8593, 0.2904, 0.3988 by changing the saturation by 10% instead.


 44.8593, 0.2904,
0.3988

 44.8593, 0.2904,
0.3988


366.2034, 0.3024,
0.3621

 31.3466, 0.2871,
0.4086


 82.5092, 0.2950,
0.3850

 20.8629, 0.2827,
0.4215


 107.4153, 0.2966,
0.3800

 13.0238, 0.2765,
0.4393


 136.8879, 0.2980,
0.3758

 7.4450, 0.2672,
0.4654

171.3115, 0.2992,
0.3722

 3.7419, 0.2519,
0.5071

211.0704, 0.3001,
0.3691

 1.5303, 0.2214,
0.6129

256.5491, 0.3010,

 0.3099, 0.0000,

0.3665

1.0000

308.1320, 0.3017,
0.3642

0.0000, 0.0000,
0.0000

44.8593, 0.2904,
0.3988

44.8593, 0.2904,
0.3988

43.2115, 0.2857,
0.4219

46.8355, 0.2959,
0.3774

41.8684, 0.2821,
0.4462

49.1513, 0.3019,
0.3578

40.8117, 0.2799,
0.4710


51.8241, 0.3082,
0.3403


40.0187, 0.2794,
0.4953


54.8687, 0.3145,
0.3247

39.4633, 0.2807,
0.5183


58.2987, 0.3208,
0.3110


 39.1097, 0.2836,
0.5389

 62.1272, 0.3268,
0.2989

 39.0267, 0.2846,
0.5444

 65.8283, 0.3304,
0.2881

 66.5689, 0.3212,
0.2764

 67.0636, 0.3155,
0.2693

Harmonies

Analogous

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



44.8593, 0.3410, 0.4217



44.8593, 0.2904, 0.3988



44.8593, 0.2480, 0.3517

Triad

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



44.8593, 0.2904, 0.3988



44.8593, 0.2403, 0.2483



44.8593, 0.4106, 0.3439

Complementary

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



44.8593, 0.2904, 0.3988



28.2200, 0.3452, 0.2686

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.



44.8593, 0.3792, 0.3042



44.8593, 0.2904, 0.3988



44.8593, 0.2786, 0.2514

Square

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



44.8593, 0.2904, 0.3988



44.8593, 0.2212, 0.2648



44.8593, 0.3294, 0.2714



44.8593, 0.4126, 0.3835

Rectangle

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



44.8593, 0.2904, 0.3988



44.8593, 0.2295, 0.3172



44.8593, 0.3294, 0.2714



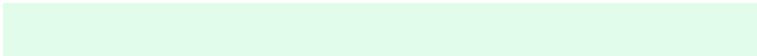
44.8593, 0.4031, 0.3303

Sweetspot

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



44.8612, 0.2904, 0.3988



91.8415, 0.3056, 0.3472



48.4028, 0.3456, 0.4275



19.9651, 0.3048, 0.3496



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.



44.8612, 0.2904, 0.3988



78.6700, 0.2863, 0.4186



46.1498, 0.2679, 0.3445



11.3176, 0.3068, 0.3441



25.6733, 0.2839, 0.5419



1.1225, 0.2708, 0.4949

Inverse Universe

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



28.2200, 0.3452, 0.2686



43.9248, 0.3557, 0.2548



27.0811, 0.3883, 0.3145



10.1838, 0.3192, 0.3144



8.5125, 0.4368, 0.2180



0.3806, 0.4046, 0.2003

Previews

White Background



This preview shows how the Yxy color 44.8593, 0.2904, 0.3988 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 44.8593, 0.2904, 0.3988 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 44.8593, 0.2904, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 44.8593, 0.2904, 0.3988.



This preview shows how white text looks on a background with the Yxy color 44.8593, 0.2904, 0.3988.

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

44.8593, 0.2904, 0.3988

Protanopia

44.1565, 0.3550, 0.3782

Deuteranopia

44.2631, 0.3595, 0.3519



Tritanopia

44.8732, 0.2627, 0.3081

Trichromacy



Original Color

44.8593, 0.2904, 0.3988



Protanomaly

43.8495, 0.3289, 0.3855



Deuteranomaly

43.4732, 0.3312, 0.3677



Tritanomaly

44.9501, 0.2731, 0.3404

Monochromacy



Original Color

44.8593, 0.2904, 0.3988



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

40.5617, 0.3038, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8593, 0.2904, 0.3988 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(122, 194, 148)` looks like.

```
.text, #text, p{  
    color:rgb(122, 194, 148)  
}
```

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(122, 194, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 194, 148) }
```

Border

The CSS property to change the border of an element to Yxy 44.8593, 0.2904, 0.3988 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(122, 194, 148) }
```

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

```
.border{ border-color:rgb(122, 194, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 194, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 194, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 194, 148);  
box-shadow:4px 4px 4px 4px rgb(122, 194,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8593, 0.2904, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 194, 148) }
```

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

```
.background{ background-color: rgb(122,  
194, 148) }
```

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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