

Converting Colors

$Yxy(44.4766, 0.2994, 0.4148)$

Have a look what the booklet for
Yxy(44.4766, 0.2994, 0.4148)
contains.

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Color

Yxy(44.3060, 0.2998, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	7DC189
RGB	125, 193, 137
RGB Percent	49%, 76%, 54%
CMY	0.5097, 0.2431, 0.4626
CMYK	0.35, 0.00, 0.29, 0.24
HSL	131°, 35%, 62%
HSV	131°, 35%, 76%
XYZ	32.0457, 44.3060, 30.5385
YIQ	166.2840, -22.5520, -31.8320

Conversions

Conversions Part 2

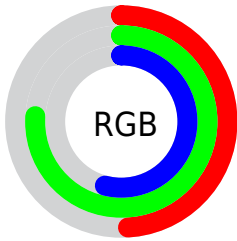
Format	Color
RYB	125, 183, 193
Decimal	8241545
CIELab	72.43, -33.17, 21.55
CIELCh	72, 39.561, 146.987
Yxy	44.3060, 0.2998, 0.4145
Android (android.graphics.Color)	4286431625 (0xFF7DC189)
YUV	166.2840, -14.4370, -36.2061
Hunter-Lab	66.5628, -30.5485, 19.3921

Details

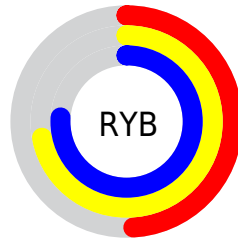
The Yxy color **44.3060, 0.2998, 0.4145** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.3445, 0.3293, 0.2565**, and the grayscale version is **38.3604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8361, 0.3029, 0.3972**, and **20.5311, 0.2935, 0.4423** is the 20% darker color. If you saturate the color by 10%, you get **42.5704, 0.2967, 0.4441**, and if you desaturate by 10%, it is **46.3947, 0.3033, 0.3869**.

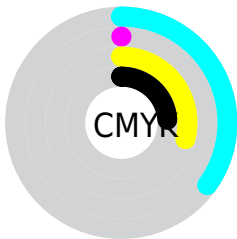
Distribution



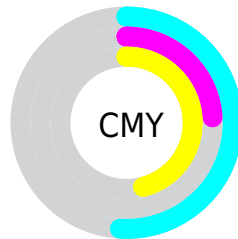
- Red (49%)
- Green (76%)
- Blue (54%)



- Red (49%)
- Yellow (72%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)





- Cyan (51%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3060, 0.2998, 0.4145 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 44.3060, 0.2998, 0.4145 by changing the saturation by 10% instead.


 44.3060, 0.2998,
0.4145

 44.3060, 0.2998,
0.4145


363.9555, 0.3075,
0.3692

 30.9111, 0.2975,
0.4266


 81.6780, 0.3029,
0.3974

 20.5312, 0.2942,
0.4427


 106.4239, 0.3040,
0.3912

 12.7818, 0.2893,
0.4649


 135.7224, 0.3048,
0.3860

 7.2784, 0.2813,
0.4975

169.9577, 0.3055,
0.3816

 3.6368, 0.2670,
0.5493

209.5142, 0.3061,
0.3779

 1.4726, 0.2529,
0.7471

254.7765, 0.3066,

 0.2693, 0.0000,

0.3746

1.0000

306.1288, 0.3071,
0.3718

0.0000, 0.0000,
0.0000

44.3060, 0.2998,
0.4145

44.3060, 0.2998,
0.4145

42.5704, 0.2967,
0.4441

46.3947, 0.3033,
0.3869

41.1630, 0.2942,
0.4748

48.8488, 0.3070,
0.3619

40.0644, 0.2926,
0.5051

51.6868, 0.3108,
0.3396

39.2509, 0.2922,
0.5335


54.9242, 0.3144,
0.3200


38.6952, 0.2929,
0.5579

58.5757, 0.3180,
0.3028

 38.3642, 0.2947,
0.5770

 62.6554, 0.3213,
0.2880

 38.2558, 0.2956,
0.5841

 66.1933, 0.3204,
0.2744

 66.6198, 0.3156,
0.2683

Harmonies

Analogous

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



44.3060, 0.3549, 0.4316



44.3060, 0.2998, 0.4145



44.3060, 0.2508, 0.3664

Triad

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



44.3060, 0.2998, 0.4145



44.3060, 0.2276, 0.2434



44.3060, 0.4149, 0.3348

Complementary

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



44.3060, 0.2998, 0.4145



29.3445, 0.3293, 0.2565

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.



44.3060, 0.3745, 0.2931



44.3060, 0.2998, 0.4145



44.3060, 0.2646, 0.2425

Square

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



44.3060, 0.2998, 0.4145



44.3060, 0.2121, 0.2657



44.3060, 0.3179, 0.2604



44.3060, 0.4242, 0.3784

Rectangle

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



44.3060, 0.2998, 0.4145



44.3060, 0.2277, 0.3278



44.3060, 0.3179, 0.2604



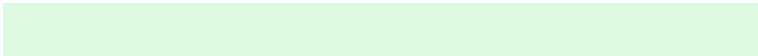
44.3060, 0.4044, 0.3203

Sweetspot

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



44.3079, 0.2998, 0.4145



89.4645, 0.3086, 0.3525



49.5257, 0.3550, 0.4188



19.0476, 0.3081, 0.3556



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.3079, 0.2998, 0.4145



76.9852, 0.2974, 0.4363



45.4161, 0.2777, 0.3623



11.2872, 0.3092, 0.3485



25.4532, 0.2951, 0.5824



1.1089, 0.2843, 0.5434

Inverse Universe

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



29.3445, 0.3293, 0.2565



46.3285, 0.3337, 0.2416



28.1366, 0.3675, 0.2985



10.2160, 0.3164, 0.3102



9.2142, 0.3707, 0.1816



0.4063, 0.3578, 0.1745

Previews

White Background



This preview shows how the Yxy color 44.3060, 0.2998, 0.4145 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 44.3060, 0.2998, 0.4145 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 44.3060, 0.2998, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 44.3060, 0.2998, 0.4145.



This preview shows how white text looks on a background with the Yxy color 44.3060, 0.2998, 0.4145.

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

44.3060, 0.2998, 0.4145

Protanopia

44.0031, 0.3645, 0.3913

Deuteranopia

43.8243, 0.3719, 0.3645



Tritanopia

44.2713, 0.2662, 0.3081

Trichromacy



Original Color

44.3060, 0.2998, 0.4145

Protanomaly

43.6674, 0.3377, 0.3998

Deuteranomaly

43.0814, 0.3434, 0.3814

Tritanomaly

44.1273, 0.2782, 0.3449

Monochromacy



Original Color

44.3060, 0.2998, 0.4145

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.9965, 0.3078, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3060, 0.2998, 0.4145 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(125, 193, 137)` looks like.

```
.text, #text, p{  
    color:rgb(125, 193, 137)  
}
```

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(125, 193, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 193, 137) }
```

Border

The CSS property to change the border of an element to Yxy 44.3060, 0.2998, 0.4145 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(125, 193, 137) }
```

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

```
.border{ border-color:rgb(125, 193, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 193, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 193, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 193, 137);  
box-shadow:4px 4px 4px 4px rgb(125, 193,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3060, 0.2998, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 193, 137) }
```

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

```
.background{ background-color: rgb(125,  
193, 137) }
```

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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