

Converting Colors

$Yxy(43.0641, 0.3195, 0.3998)$

Have a look what the booklet for
Yxy(43.0641, 0.3195, 0.3998)
contains.

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Color

Yxy(42.8936, 0.3193, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	95B989
RGB	149, 185, 137
RGB Percent	58%, 73%, 54%
CMY	0.4157, 0.2745, 0.4628
CMYK	0.19, 0.00, 0.26, 0.27
HSL	105°, 26%, 63%
HSV	105°, 26%, 73%
XYZ	34.2569, 42.8936, 30.1371
YIQ	168.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

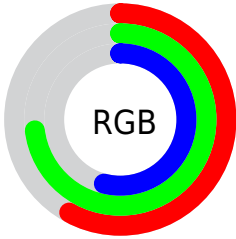
Format	Color
RYB	137, 185, 173
Decimal	9812361
CIELab	71.48, -21.25, 20.49
CIELCh	71, 29.523, 136.043
Yxy	42.8936, 0.3193, 0.3998
Android (android.graphics.Color)	4288002441 (0xFF95B989)
YUV	168.7640, -15.6597, -17.3330
Hunter-Lab	65.4932, -21.2467, 18.5626

Details

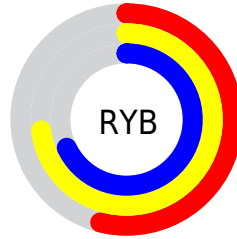
The Yxy color $42.8936, 0.3193, 0.3998$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $30.2773, 0.3035, 0.2630$, and the grayscale version is $39.6342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5096, 0.3185, 0.3851$, and $19.7320, 0.3193, 0.4228$ is the 20% darker color. If you saturate the color by 10%, you get $41.1809, 0.3212, 0.4314$, and if you desaturate by 10%, it is $44.8566, 0.3170, 0.3704$.

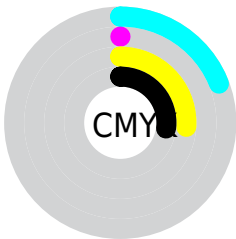
Distribution



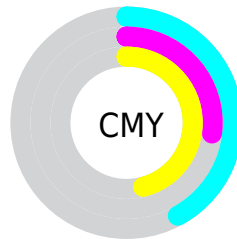
- Red (58%)
- Green (73%)
- Blue (54%)



- Red (54%)
- Yellow (73%)
- Blue (68%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)





- Cyan (42%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8936, 0.3193, 0.3998 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 42.8936, 0.3193, 0.3998 by changing the saturation by 10% instead.


 42.8936, 0.3193,
0.3998


 42.8936, 0.3193,
0.3998


358.1740, 0.3167,
0.3626

 29.8016, 0.3197,
0.4097


 79.5503, 0.3186,
0.3859

 19.6881, 0.3200,
0.4227


 103.8838, 0.3182,
0.3807

 12.1685, 0.3200,
0.4406


 132.7333, 0.3179,
0.3765

 6.8585, 0.3192,
0.4667

166.4831, 0.3176,
0.3729

 3.3738, 0.3161,
0.5078

205.5177, 0.3174,
0.3698

 1.3299, 0.3414,
0.6586

250.2215, 0.3171,

 0.1641, 0.0000,

0.3671

1.0000

300.9788, 0.3169,
0.3647

0.0000, 0.0000,
0.0000

42.8936, 0.3193,
0.3998

42.8936, 0.3193,
0.3998

41.1809, 0.3212,
0.4314

44.8566, 0.3170,
0.3704

39.7028, 0.3223,
0.4642

47.0738, 0.3143,
0.3436

38.4504, 0.3225,
0.4968


49.5560, 0.3116,
0.3196

37.4120, 0.3215,
0.5274


52.3118, 0.3088,
0.2984

36.5747, 0.3193,
0.5538


55.3493, 0.3061,
0.2797

 35.9241, 0.3159,
0.5743

 58.6763, 0.3035,
0.2632

 35.4433, 0.3117,
0.5877

 61.5374, 0.3091,
0.2590

 35.2871, 0.3101,
0.5920

 63.1808, 0.3159,
0.2604

Harmonies

Analogous

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



42.8936, 0.3600, 0.4044



42.8936, 0.3193, 0.3998



42.8936, 0.2786, 0.3715

Triad

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



42.8936, 0.3193, 0.3998



42.8936, 0.2405, 0.2679



42.8936, 0.3808, 0.3223

Complementary

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



42.8936, 0.3193, 0.3998



30.2773, 0.3035, 0.2630

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.



42.8936, 0.3447, 0.2912



42.8936, 0.3193, 0.3998



42.8936, 0.2640, 0.2604

Square

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



42.8936, 0.3193, 0.3998



42.8936, 0.2350, 0.2923



42.8936, 0.3015, 0.2691



42.8936, 0.3972, 0.3566

Rectangle

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



42.8936, 0.3193, 0.3998



42.8936, 0.2567, 0.3445



42.8936, 0.3015, 0.2691



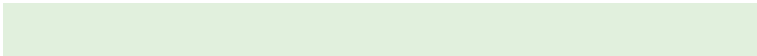
42.8936, 0.3704, 0.3112

Sweetspot

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



42.8954, 0.3193, 0.3998



83.3972, 0.3149, 0.3492



42.0094, 0.3550, 0.3779



17.8472, 0.3153, 0.3531



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.8954, 0.3193, 0.3998



75.0604, 0.3204, 0.4171



42.1883, 0.3005, 0.3831



10.1656, 0.3152, 0.3524



24.0551, 0.3109, 0.5914



0.8781, 0.3306, 0.5757

Inverse Universe

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



30.2773, 0.3035, 0.2630



48.7183, 0.3009, 0.2482



31.2215, 0.3277, 0.2804



9.0467, 0.3099, 0.3062



6.1446, 0.2592, 0.1202



0.2439, 0.2759, 0.1294

Previews

White Background



This preview shows how the Yxy color 42.8936, 0.3193, 0.3998 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 42.8936, 0.3193, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

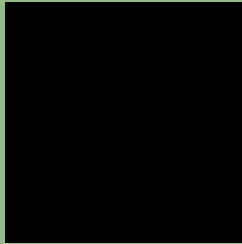
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8936, 0.3193, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 42.8936, 0.3193, 0.3998.



This preview shows how white text looks on a background with the Yxy color 42.8936, 0.3193, 0.3998.

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

42.8936, 0.3193, 0.3998

Protanopia

42.5028, 0.3610, 0.3856

Deuteranopia

42.6249, 0.3706, 0.3637



Tritanopia

42.9157, 0.2854, 0.3098

Trichromacy



Original Color

42.8936, 0.3193, 0.3998

Protanomaly

42.4463, 0.3447, 0.3906

Deuteranomaly

42.2328, 0.3502, 0.3753

Tritanomaly

42.9949, 0.2979, 0.3417

Monochromacy



Original Color

42.8936, 0.3193, 0.3998

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.7756, 0.3159, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8936, 0.3193, 0.3998 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(149, 185, 137)` looks like.

```
.text, #text, p{  
    color:rgb(149, 185, 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(149, 185, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 185, 137) }
```

Border

The CSS property to change the border of an element to Yxy 42.8936, 0.3193, 0.3998 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(149, 185, 137) }
```

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

```
.border{ border-color:rgb(149, 185, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 185, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 185, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 185, 137);  
box-shadow:4px 4px 4px 4px rgb(149, 185,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8936, 0.3193, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 185, 137) }
```

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

```
.background{ background-color: rgb(149,  
185, 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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