

Converting Colors

Yxy(41.9111, 0.3385, 0.3392)

Have a look what the booklet for
Yxy(41.9111, 0.3385, 0.3392)
contains.

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Color

Yxy(41.8963, 0.3393, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	BEA9A1
RGB	190, 169, 161
RGB Percent	75%, 66%, 63%
CMY	0.2549, 0.3373, 0.3685
CMYK	0.00, 0.11, 0.15, 0.25
HSL	16°, 18%, 69%
HSV	16°, 15%, 75%
XYZ	41.8593, 41.8963, 39.6140
YIQ	174.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

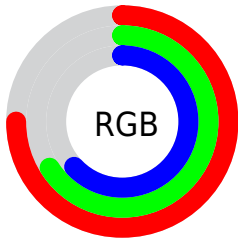
Format	Color
RYB	190, 172, 161
Decimal	12495265
CIELab	70.80, 6.28, 6.88
CIELCh	71, 9.311, 47.610
Yxy	41.8963, 0.3393, 0.3396
Android (android.graphics.Color)	4290685345 (0xFFBEA9A1)
YUV	174.3670, -6.5899, 13.7101
Hunter-Lab	64.7274, 2.1634, 9.0229

Details

The Yxy color **41.8963, 0.3393, 0.3396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7703, 0.2895, 0.3182**, and the grayscale version is **42.5569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8620, 0.3338, 0.3373**, and **19.0826, 0.3462, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **36.4192, 0.3610, 0.3471**, and if you desaturate by 10%, it is **48.0191, 0.3211, 0.3325**.

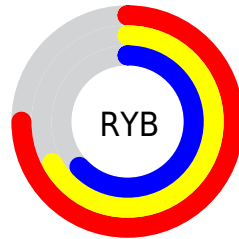
Distribution



Red (75%)

Green (66%)

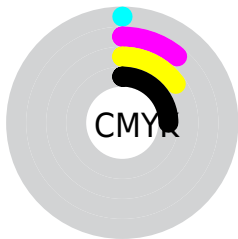
Blue (63%)



Red (75%)

Yellow (67%)

Blue (63%)

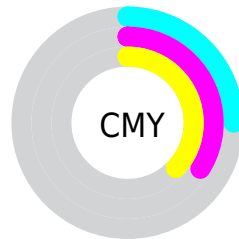


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (34%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8963, 0.3393, 0.3396 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 41.8963, 0.3393, 0.3396 by changing the saturation by 10% instead.


 41.8963, 0.3393,
0.3396


 41.8963, 0.3393,
0.3396


354.0529, 0.3257,
0.3343

 29.0201, 0.3428,
0.3409


 78.0427, 0.3343,
0.3377

 19.0960, 0.3474,
0.3426


 102.0816, 0.3324,
0.3370

 11.7397, 0.3535,
0.3448


130.6103, 0.3309,
0.3364

 6.5667, 0.3624,
0.3478

164.0130, 0.3295,
0.3359

 3.1926, 0.3760,
0.3522

202.6742, 0.3284,
0.3354

 1.2331, 0.4007,
0.3597

246.9784, 0.3274,

 0.0885, 0.7284,

0.3350

0.2716

297.3098, 0.3265,
0.3347

0.0000, 0.0000,
0.0000

41.8963, 0.3393,
0.3396

41.8963, 0.3393,
0.3396

36.4192, 0.3610,
0.3471

48.0191, 0.3211,
0.3325

31.5609, 0.3866,
0.3546

54.8023, 0.3058,
0.3259

27.3009, 0.4164,
0.3619

62.2669, 0.2929,
0.3199

23.6154, 0.4503,
0.3682

70.4315, 0.2821,
0.3144

20.4790, 0.4874,
0.3726

79.2469, 0.2735,
0.3104

■ 17.8640, 0.5254,
0.3738

■ 87.5726, 0.2749,
0.3253

■ 15.7403, 0.5610,
0.3710

■ 89.6878, 0.2752,
0.3289

■ 14.0742, 0.5904,
0.3638

■ 13.4257, 0.6024,
0.3599

Harmonies

Analogous

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



41.8963, 0.3345, 0.3281



41.8963, 0.3393, 0.3396



41.8963, 0.3368, 0.3487

Triad

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



41.8963, 0.3393, 0.3396



41.8963, 0.3014, 0.3415



41.8963, 0.2976, 0.3062

Complementary

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



41.8963, 0.3393, 0.3396



44.7703, 0.2895, 0.3182

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.



41.8963, 0.2891, 0.3091



41.8963, 0.3393, 0.3396



41.8963, 0.2913, 0.3294

Square

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



41.8963, 0.3393, 0.3396



41.8963, 0.3147, 0.3501



41.8963, 0.2869, 0.3175



41.8963, 0.3103, 0.3091

Rectangle

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



41.8963, 0.3393, 0.3396



41.8963, 0.3313, 0.3520



41.8963, 0.2869, 0.3175



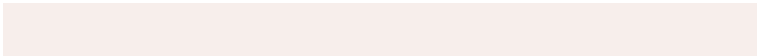
41.8963, 0.2942, 0.3065

Sweetspot

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



41.8982, 0.3393, 0.3396



87.2074, 0.3208, 0.3324



39.8384, 0.3213, 0.3014



18.9677, 0.3220, 0.3329



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.



41.8982, 0.3393, 0.3396



72.7776, 0.3455, 0.3418



47.4903, 0.3365, 0.3579



9.9519, 0.3282, 0.3354



9.0416, 0.6001, 0.3617



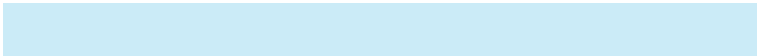
0.4678, 0.5515, 0.4003

Inverse Universe

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



44.7703, 0.2895, 0.3182



78.8875, 0.2849, 0.3158



39.2278, 0.2887, 0.2984



10.3538, 0.2985, 0.3225



14.6487, 0.1995, 0.2382



0.6778, 0.2063, 0.2625

Previews

White Background



This preview shows how the Yxy color 41.8963, 0.3393, 0.3396 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 41.8963, 0.3393, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

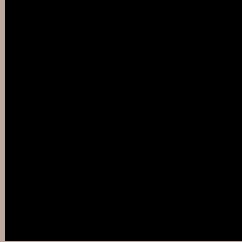
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8963, 0.3393, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 41.8963, 0.3393, 0.3396.



This preview shows how white text looks on a background with the Yxy color 41.8963, 0.3393, 0.3396.

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

41.8963, 0.3393, 0.3396

Protanopia

42.1152, 0.3266, 0.3426

Deuteranopia

41.8127, 0.3445, 0.3369



Tritanopia

41.7336, 0.3255, 0.3122

Trichromacy



Original Color

41.8963, 0.3393, 0.3396

Protanomaly

42.1810, 0.3313, 0.3425

Deuteranomaly

41.9159, 0.3424, 0.3383

Tritanomaly

41.6924, 0.3307, 0.3225

Monochromacy



Original Color

41.8963, 0.3393, 0.3396

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0729, 0.3225, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8963, 0.3393, 0.3396 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(190, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(190, 169, 161)  
}
```

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(190, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 169, 161) }
```

Border

The CSS property to change the border of an element to Yxy 41.8963, 0.3393, 0.3396 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(190, 169, 161) }
```

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

```
.border{ border-color:rgb(190, 169, 161) }
```

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

Here you see how a box with a 4 pixel rgb(190, 169, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(190, 169,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8963, 0.3393, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 169, 161) }
```

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

```
.background{ background-color: rgb(190,  
169, 161) }
```

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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