

Converting Colors

$Yxy(43.4017, 0.3208, 0.3611)$

Have a look what the booklet for
Yxy(43.4017, 0.3208, 0.3611)
contains.

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Color

Yxy(43.4017, 0.3208, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	A8B49D
RGB	168, 180, 157
RGB Percent	66%, 71%, 62%
CMY	0.3411, 0.2941, 0.3844
CMYK	0.07, 0.00, 0.13, 0.29
HSL	91°, 13%, 66%
HSV	91°, 13%, 71%
XYZ	38.5579, 43.4017, 38.2334
YIQ	173.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

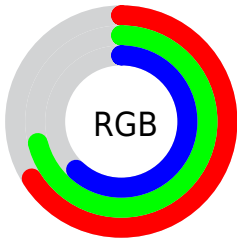
Format	Color
RYB	157, 180, 169
Decimal	11056285
CIELab	71.83, -8.43, 10.33
CIELCh	72, 13.329, 129.218
Yxy	43.4017, 0.3208, 0.3611
Android (android.graphics.Color)	4289246365 (0xFFA8B49D)
YUV	173.7900, -8.2775, -5.0778
Hunter-Lab	65.8800, -10.8183, 11.7071

Details

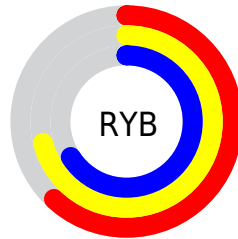
The Yxy color **43.4017, 0.3208, 0.3611** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8319, 0.3037, 0.2970**, and the grayscale version is **42.2593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4323, 0.3189, 0.3547**, and **19.9324, 0.3227, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **41.8423, 0.3270, 0.3885**, and if you desaturate by 10%, it is **45.1294, 0.3145, 0.3357**.

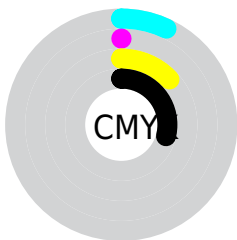
Distribution



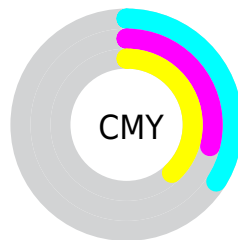
- Red (66%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)




- Cyan (34%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4017, 0.3208, 0.3611 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 43.4017, 0.3208, 0.3611 by changing the saturation by 10% instead.


 43.4017, 0.3208,
0.3611


 43.4017, 0.3208,
0.3611


360.2612, 0.3168,
0.3446

 30.2004, 0.3218,
0.3654


 80.3167, 0.3194,
0.3550

 19.9908, 0.3230,
0.3710


 104.7992, 0.3188,
0.3527

 12.3883, 0.3245,
0.3786


133.8109, 0.3184,
0.3508

 7.0087, 0.3266,
0.3895

167.7362, 0.3180,
0.3492

 3.4676, 0.3295,
0.4065

206.9595, 0.3177,
0.3478

 1.3804, 0.3360,
0.4398

251.8651, 0.3173,

 0.2022, 0.0000,

0.3466

1.0000

302.8376, 0.3171,
0.3455

0.0000, 0.0000,
0.0000

43.4017, 0.3208,
0.3611

43.4017, 0.3208,
0.3611

41.8423, 0.3270,
0.3885

45.1294, 0.3145,
0.3357

40.4402, 0.3327,
0.4176

47.0250, 0.3082,
0.3125

39.1913, 0.3376,
0.4474

49.0953, 0.3021,
0.2916

38.0894, 0.3413,
0.4770

51.3451, 0.2963,
0.2728

37.1277, 0.3434,
0.5050

53.7789, 0.2909,
0.2561

■ 36.2989, 0.3436,
0.5299

■ 55.7416, 0.2925,
0.2501

■ 35.5946, 0.3416,
0.5502

■ 57.2808, 0.2996,
0.2518

■ 35.0051, 0.3376,
0.5650

■ 58.9037, 0.3068,
0.2534

■ 34.6386, 0.3340,
0.5730

■ 60.6115, 0.3141,
0.2551

Harmonies

Analogous

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



43.4017, 0.3382, 0.3619



43.4017, 0.3208, 0.3611



43.4017, 0.3017, 0.3509

Triad

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



43.4017, 0.3208, 0.3611



43.4017, 0.2777, 0.3034



43.4017, 0.3401, 0.3229

Complementary

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



43.4017, 0.3208, 0.3611



35.8319, 0.3037, 0.2970

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.



43.4017, 0.3231, 0.3085



43.4017, 0.3208, 0.3611



43.4017, 0.2873, 0.2972

Square

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



43.4017, 0.3208, 0.3611



43.4017, 0.2772, 0.3169



43.4017, 0.3038, 0.2992



43.4017, 0.3496, 0.3393

Rectangle

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



43.4017, 0.3208, 0.3611



43.4017, 0.2905, 0.3403



43.4017, 0.3038, 0.2992



43.4017, 0.3350, 0.3177

Sweetspot

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



43.4036, 0.3208, 0.3611



81.4125, 0.3153, 0.3388



40.4655, 0.3334, 0.3453



17.5441, 0.3158, 0.3407



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.4036, 0.3208, 0.3611



77.9746, 0.3223, 0.3677



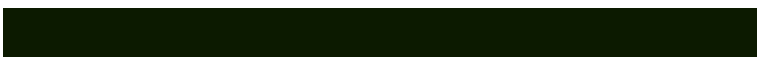
42.2550, 0.3109, 0.3615



9.6834, 0.3186, 0.3520



24.2154, 0.3349, 0.5723



0.7967, 0.3573, 0.5545

Inverse Universe

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



35.8319, 0.3037, 0.2970



61.8721, 0.3018, 0.2905



37.0897, 0.3145, 0.2985



8.4403, 0.3064, 0.3060



3.9872, 0.2077, 0.0918



0.1599, 0.2384, 0.1087

Previews

White Background



This preview shows how the Yxy color 43.4017, 0.3208, 0.3611 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 43.4017, 0.3208, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

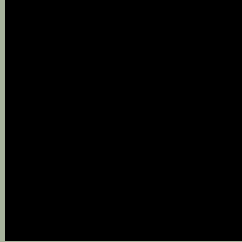
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

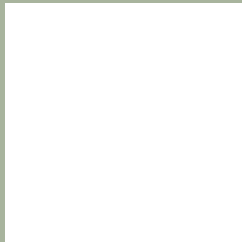
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4017, 0.3208, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 43.4017, 0.3208, 0.3611.



This preview shows how white text looks on a background with the Yxy color 43.4017, 0.3208, 0.3611.

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

43.4017, 0.3208, 0.3611

Protanopia

43.2168, 0.3378, 0.3559

Deuteranopia

43.3948, 0.3495, 0.3432



Tritanopia

43.2183, 0.2998, 0.3104

Trichromacy



Original Color

43.4017, 0.3208, 0.3611

Protanomaly

43.3096, 0.3310, 0.3577

Deuteranomaly

43.4321, 0.3391, 0.3503

Tritanomaly

43.2765, 0.3075, 0.3290

Monochromacy



Original Color

43.4017, 0.3208, 0.3611

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6485, 0.3157, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4017, 0.3208, 0.3611 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(168, 180, 157)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 157)  
}
```

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(168, 180, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 157) }
```

Border

The CSS property to change the border of an element to Yxy 43.4017, 0.3208, 0.3611 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(168, 180, 157) }
```

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

```
.border{ border-color:rgb(168, 180, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 180, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 180, 157);  
box-shadow:4px 4px 4px 4px rgb(168, 180,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4017, 0.3208, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 180, 157) }
```

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

```
.background{ background-color: rgb(168,  
180, 157) }
```

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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