

Converting Colors

$Y_{xy}(41.7609, 0.3186, 0.3281)$

Have a look what the booklet for
Yxy(41.7609, 0.3186, 0.3281)
contains.

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Color

Yxy(41.5694, 0.3182, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B2ABAC
RGB	178, 171, 172
RGB Percent	70%, 67%, 67%
CMY	0.3020, 0.3294, 0.3255
CMYK	0.00, 0.04, 0.03, 0.30
HSL	352°, 4%, 68%
HSV	352°, 4%, 70%
XYZ	40.3643, 41.5694, 44.9183
YIQ	173.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

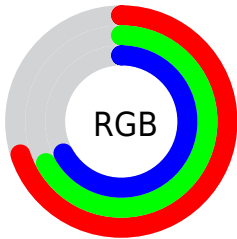
Format	Color
RYB	178, 171, 172
Decimal	11709356
CIELab	70.57, 2.67, 0.38
CIElCh	71, 2.696, 8.078
Yxy	41.5694, 0.3182, 0.3277
Android (android.graphics.Color)	4289899436 (0xFFB2ABAC)
YUV	173.2070, -0.5951, 4.2035
Hunter-Lab	64.4743, -1.0798, 3.8256

Details

The Yxy color **41.5694, 0.3182, 0.3277** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6659, 0.3075, 0.3303**, and the grayscale version is **41.9010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4312, 0.3176, 0.3280**, and **18.9097, 0.3191, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **34.7386, 0.3345, 0.3242**, and if you desaturate by 10%, it is **49.3769, 0.3050, 0.3309**.

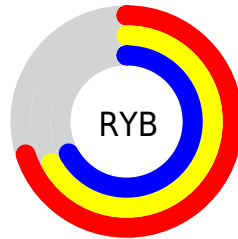
Distribution



Red (70%)

Green (67%)

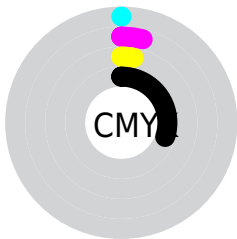
Blue (67%)



Red (70%)

Yellow (67%)

Blue (67%)

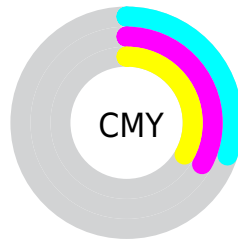


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5694, 0.3182, 0.3277 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 41.5694, 0.3182, 0.3277 by changing the saturation by 10% instead.

■ 41.5694, 0.3182,
0.3277

■ 41.5694, 0.3182,
0.3277

352.6948, 0.3154,
0.3284

■ 28.7643, 0.3189,
0.3275

■ 77.5475, 0.3172,
0.3280

■ 18.9026, 0.3198,
0.3273

101.4893, 0.3168,
0.3280

■ 11.5999, 0.3211,
0.3270

129.9121, 0.3165,
0.3281

■ 6.4719, 0.3229,
0.3265

163.2002, 0.3162,
0.3282

■ 3.1341, 0.3257,
0.3259

201.7382, 0.3160,
0.3282

■ 1.2021, 0.3306,
0.3246

245.9104, 0.3158,

■ 0.0634, 0.5420,

0.3283

0.2741

296.1011, 0.3156,
0.3283

0.0000, 0.0000,
0.0000

41.5694, 0.3182,
0.3277

41.5694, 0.3182,
0.3277

34.7386, 0.3345,
0.3242

49.3769, 0.3050,
0.3309

28.8410, 0.3547,
0.3205

58.1919, 0.2944,
0.3339

23.8375, 0.3795,
0.3168

68.0504, 0.2857,
0.3366

19.6845, 0.4098,
0.3132

78.9850, 0.2786,
0.3390

16.3346, 0.4457,
0.3103

87.7937, 0.2722,
0.3359

■ 13.7356, 0.4865,
0.3086

■ 88.2024, 0.2691,
0.3289

■ 11.8294, 0.5298,
0.3088

■ 10.5490, 0.5712,
0.3114

■ 9.8144, 0.6051,
0.3165

Harmonies

Analogous

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



41.5694, 0.3148, 0.3246



41.5694, 0.3182, 0.3277



41.5694, 0.3202, 0.3312

Triad

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



41.5694, 0.3182, 0.3277



41.5694, 0.3146, 0.3355



41.5694, 0.3054, 0.3239

Complementary

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



41.5694, 0.3182, 0.3277



43.6659, 0.3075, 0.3303

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.



41.5694, 0.3053, 0.3268



41.5694, 0.3182, 0.3277



41.5694, 0.3107, 0.3335

Square

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



41.5694, 0.3182, 0.3277



41.5694, 0.3181, 0.3357



41.5694, 0.3073, 0.3303



41.5694, 0.3074, 0.3224

Rectangle

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



41.5694, 0.3182, 0.3277



41.5694, 0.3204, 0.3332



41.5694, 0.3073, 0.3303



41.5694, 0.3051, 0.3248

Sweetspot

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



41.5712, 0.3182, 0.3277



79.3235, 0.3141, 0.3287



41.6836, 0.3122, 0.3196



17.5905, 0.3140, 0.3287



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.



41.5712, 0.3182, 0.3277



73.8634, 0.3199, 0.3273



42.4635, 0.3188, 0.3323



9.1108, 0.3207, 0.3271



6.8278, 0.6189, 0.3183



0.2209, 0.5579, 0.2847

Inverse Universe

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



41.5712, 0.3182, 0.3277



73.8634, 0.3199, 0.3273



42.7436, 0.3068, 0.3257



9.1108, 0.3207, 0.3271



6.8278, 0.6189, 0.3183



0.2209, 0.5579, 0.2847

Previews

White Background



This preview shows how the Yxy color 41.5694, 0.3182, 0.3277 looks on a white background.

Color Contrast Check

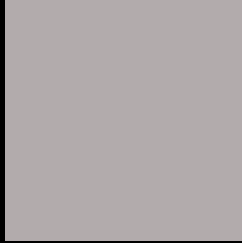
Large Text (above 18pt) WCAG AA × Fail

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 41.5694, 0.3182, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

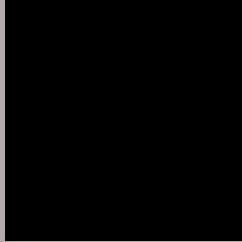
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

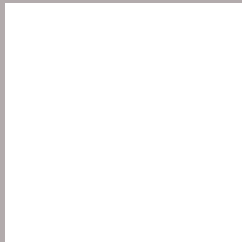
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5694, 0.3182, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 41.5694, 0.3182, 0.3277.

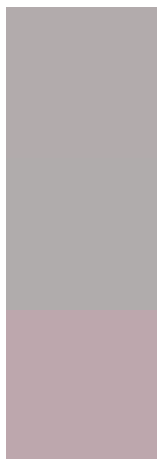


This preview shows how white text looks on a background with the Yxy color 41.5694, 0.3182, 0.3277.

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

41.5694, 0.3182, 0.3277

Protanopia

41.7137, 0.3163, 0.3290

Deuteranopia

41.4734, 0.3279, 0.3212



Tritanopia

41.4981, 0.3109, 0.3104

Trichromacy



Original Color

41.5694, 0.3182, 0.3277

Protanomaly

41.8307, 0.3172, 0.3290

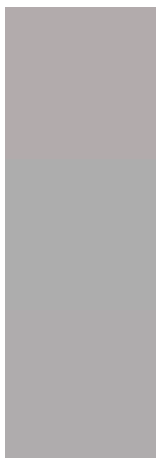
Deuteranomaly

41.3367, 0.3241, 0.3224

Tritanomaly

41.5878, 0.3133, 0.3170

Monochromacy



Original Color

41.5694, 0.3182, 0.3277

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6361, 0.3146, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5694, 0.3182, 0.3277 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(178, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 172)  
}
```

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(178, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.5694, 0.3182, 0.3277 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(178, 171, 172) }
```

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

```
.border{ border-color:rgb(178, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5694, 0.3182, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 172) }
```

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

```
.background{ background-color: rgb(178,  
171, 172) }
```

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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