

Converting Colors

$Y_{xy}(41.1222, 0.3208, 0.3269)$

Have a look what the booklet for
Yxy(41.1222, 0.3208, 0.3269)
contains.

Yxy(41.0195, 0.3211, 0.3263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.0195, 0.3211, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B4A9AB
RGB	180, 169, 171
RGB Percent	71%, 66%, 67%
CMY	0.2940, 0.3373, 0.3293
CMYK	0.00, 0.06, 0.05, 0.29
HSL	349°, 7%, 68%
HSV	349°, 6%, 71%
XYZ	40.3658, 41.0195, 44.3257
YIQ	172.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

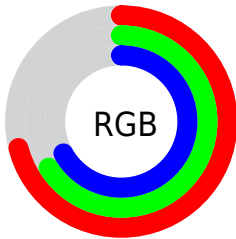
Format	Color
RYB	180, 169, 171
Decimal	11839915
CIELab	70.19, 4.33, 0.38
CIElCh	70, 4.343, 4.958
Yxy	41.0195, 0.3211, 0.3263
Android (android.graphics.Color)	4290029995 (0xFFB4A9AB)
YUV	172.5170, -0.7479, 6.5626
Hunter-Lab	64.0465, 0.4197, 3.7987

Details

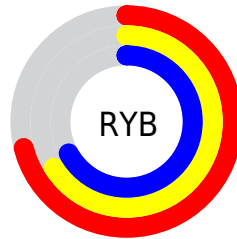
The Yxy color **41.0195, 0.3211, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3003, 0.3049, 0.3317**, and the grayscale version is **41.5348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6352, 0.3199, 0.3269**, and **18.5665, 0.3231, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **34.2481, 0.3374, 0.3216**, and if you desaturate by 10%, it is **48.7791, 0.3079, 0.3306**.

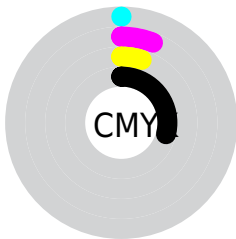
Distribution



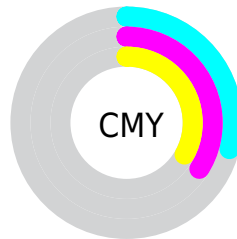
- Red (71%)
- Green (66%)
- Blue (67%)



- Red (71%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0195, 0.3211, 0.3263 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 41.0195, 0.3211, 0.3263 by changing the saturation by 10% instead.

 41.0195, 0.3211,
0.3263


 41.0195, 0.3211,
0.3263


350.4021, 0.3168,
0.3277

 28.3343, 0.3222,
0.3259


 76.7135, 0.3195,
0.3268

 18.5778, 0.3236,
0.3255


 100.4911, 0.3189,
0.3270

 11.3656, 0.3256,
0.3248


128.7350, 0.3184,
0.3272

 6.3133, 0.3284,
0.3239

161.8295, 0.3180,
0.3273

 3.0365, 0.3327,
0.3225

200.1591, 0.3177,
0.3274

 1.1508, 0.3404,
0.3199

244.1081, 0.3173,

 0.0210, 0.8568,

0.3275

0.1432

294.0610, 0.3171,
0.3276

■ 0.0000, 0.0000,
0.0000

■ 41.0195, 0.3211,
0.3263

■ 41.0195, 0.3211,
0.3263

■ 34.2481, 0.3374,
0.3216

■ 48.7791, 0.3079,
0.3306

■ 28.4200, 0.3574,
0.3168

■ 57.5587, 0.2973,
0.3346

■ 23.4948, 0.3820,
0.3118

■ 67.3955, 0.2886,
0.3383

■ 19.4273, 0.4118,
0.3072

■ 78.3230, 0.2815,
0.3415

■ 16.1681, 0.4469,
0.3035

■ 87.7901, 0.2752,
0.3403

■ 13.6630, 0.4864,
0.3014

■ 88.4459, 0.2701,
0.3289

■ 11.8507, 0.5281,
0.3018

■ 10.6609, 0.5678,
0.3053

■ 10.0018, 0.6006,
0.3118

Harmonies

Analogous

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



41.0195, 0.3154, 0.3215



41.0195, 0.3211, 0.3263



41.0195, 0.3246, 0.3319

Triad

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



41.0195, 0.3211, 0.3263



41.0195, 0.3164, 0.3397



41.0195, 0.3007, 0.3211

Complementary

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



41.0195, 0.3211, 0.3263



44.3003, 0.3049, 0.3317

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.



41.0195, 0.3010, 0.3260



41.0195, 0.3211, 0.3263



41.0195, 0.3100, 0.3368

Square

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



41.0195, 0.3211, 0.3263



41.0195, 0.3219, 0.3397



41.0195, 0.3044, 0.3317



41.0195, 0.3036, 0.3185

Rectangle

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



41.0195, 0.3211, 0.3263



41.0195, 0.3252, 0.3353



41.0195, 0.3044, 0.3317



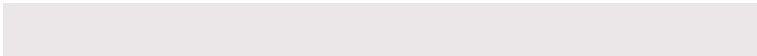
41.0195, 0.3004, 0.3225

Sweetspot

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



41.0213, 0.3211, 0.3263



79.8930, 0.3154, 0.3281



41.1357, 0.3116, 0.3142



17.3004, 0.3152, 0.3282



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.



41.0213, 0.3211, 0.3263



73.0598, 0.3226, 0.3259



42.2613, 0.3225, 0.3337



8.8184, 0.3231, 0.3257



6.8563, 0.6088, 0.3127



0.2233, 0.5376, 0.2735

Inverse Universe

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



41.0213, 0.3211, 0.3263



73.0598, 0.3226, 0.3259



42.9898, 0.3034, 0.3242



8.8184, 0.3231, 0.3257



6.8563, 0.6088, 0.3127



0.2233, 0.5376, 0.2735

Previews

White Background



This preview shows how the Yxy color 41.0195, 0.3211, 0.3263 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 41.0195, 0.3211, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

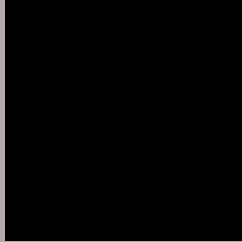
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

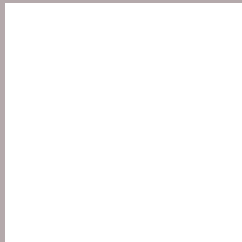
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0195, 0.3211, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 41.0195, 0.3211, 0.3263.



This preview shows how white text looks on a background with the Yxy color 41.0195, 0.3211, 0.3263.

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

41.0195, 0.3211, 0.3263

Protanopia

41.1030, 0.3146, 0.3276

Deuteranopia

40.9424, 0.3280, 0.3211



Tritanopia

40.7974, 0.3136, 0.3104

Trichromacy



Original Color

41.0195, 0.3211, 0.3263

Protanomaly

40.9581, 0.3165, 0.3263

Deuteranomaly

40.9303, 0.3251, 0.3224

Tritanomaly

41.0033, 0.3169, 0.3170

Monochromacy



Original Color

41.0195, 0.3211, 0.3263

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7137, 0.3163, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0195, 0.3211, 0.3263 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(180, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 171)  
}
```

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(180, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.0195, 0.3211, 0.3263 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(180, 169, 171) }
```

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

```
.border{ border-color:rgb(180, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0195, 0.3211, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 171) }
```

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

```
.background{ background-color: rgb(180,  
169, 171) }
```

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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