

Converting Colors

$Y_{xy}(40.0211, 0.3275, 0.3331)$

Have a look what the booklet for
Yxy(40.0211, 0.3275, 0.3331)
contains.

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Color

Yxy(40.0211, 0.3275, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7A4
RGB	180, 167, 164
RGB Percent	71%, 65%, 64%
CMY	0.2940, 0.3451, 0.3568
CMYK	0.00, 0.07, 0.09, 0.29
HSL	11°, 10%, 67%
HSV	11°, 9%, 71%
XYZ	39.3483, 40.0211, 40.7780
YIQ	170.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

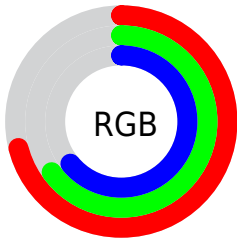
Format	Color
RYB	180, 168, 164
Decimal	11839396
CIELab	69.48, 4.18, 3.22
CIElCh	69, 5.280, 37.647
Yxy	40.0211, 0.3275, 0.3331
Android (android.graphics.Color)	4290029476 (0xFFB4A7A4)
YUV	170.5450, -3.2267, 8.2920
Hunter-Lab	63.2622, 0.3157, 6.0660

Details

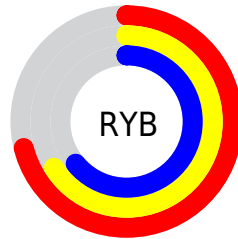
The Yxy color **40.0211, 0.3275, 0.3331** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6552, 0.2992, 0.3249**, and the grayscale version is **40.5009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1899, 0.3247, 0.3322**, and **17.9433, 0.3322, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **34.3497, 0.3474, 0.3380**, and if you desaturate by 10%, it is **46.3965, 0.3111, 0.3285**.

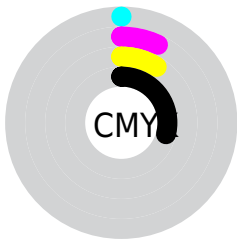
Distribution



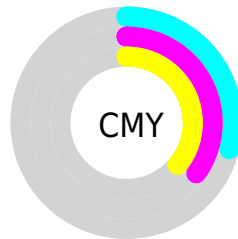
- Red (71%)
- Green (65%)
- Blue (64%)



- Red (71%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (29%)





- Cyan (29%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0211, 0.3275, 0.3331 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 40.0211, 0.3275, 0.3331 by changing the saturation by 10% instead.


 40.0211, 0.3275,
0.3331

 40.0211, 0.3275,
0.3331


346.2125, 0.3199,
0.3310

 27.5550, 0.3295,
0.3336


 75.1956, 0.3247,
0.3324

 17.9905, 0.3321,
0.3343


 98.6729, 0.3236,
0.3321

 10.9432, 0.3356,
0.3352


126.5893, 0.3228,
0.3318

 6.0286, 0.3406,
0.3364

159.3292, 0.3220,
0.3316

 2.8625, 0.3486,
0.3383

197.2771, 0.3214,
0.3315

 1.0604, 0.3630,
0.3414

240.8174, 0.3208,

 0.0000, 1.0000,

0.3313

0.0000

290.3344, 0.3203,
0.3312

■ 0.0000, 0.0000,
0.0000

■ 40.0211, 0.3275,
0.3331

■ 40.0211, 0.3275,
0.3331

■ 34.3497, 0.3474,
0.3380

■ 46.3965, 0.3111,
0.3285

■ 29.3529, 0.3714,
0.3432

■ 53.4935, 0.2974,
0.3243

■ 25.0071, 0.4001,
0.3483

■ 61.3357, 0.2862,
0.3205

■ 21.2852, 0.4339,
0.3530

■ 69.9440, 0.2767,
0.3170

■ 18.1583, 0.4722,
0.3566

■ 79.3384, 0.2688,
0.3138

■ 15.5951, 0.5135,
0.3584

■ 88.3923, 0.2701,
0.3288

■ 13.5613, 0.5545,
0.3574

■ 88.4472, 0.2701,
0.3289

■ 12.0189, 0.5903,
0.3532

■ 10.9202, 0.6172,
0.3466

Harmonies

Analogous

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



40.0211, 0.3235, 0.3263



40.0211, 0.3275, 0.3331



40.0211, 0.3275, 0.3390

Triad

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



40.0211, 0.3275, 0.3331



40.0211, 0.3087, 0.3381



40.0211, 0.3020, 0.3160

Complementary

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



40.0211, 0.3275, 0.3331



42.6552, 0.2992, 0.3249

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.



40.0211, 0.2982, 0.3189



40.0211, 0.3275, 0.3331



40.0211, 0.3020, 0.3317

Square

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



40.0211, 0.3275, 0.3331



40.0211, 0.3165, 0.3419



40.0211, 0.2982, 0.3246



40.0211, 0.3088, 0.3165

Rectangle

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



40.0211, 0.3275, 0.3331



40.0211, 0.3252, 0.3415



40.0211, 0.2982, 0.3246



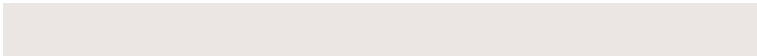
40.0211, 0.3004, 0.3166

Sweetspot

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



40.0229, 0.3275, 0.3331



79.1388, 0.3175, 0.3304



39.4406, 0.3163, 0.3114



16.9040, 0.3188, 0.3307



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.



40.0229, 0.3275, 0.3331



70.0761, 0.3317, 0.3342



43.0322, 0.3264, 0.3438



8.7527, 0.3283, 0.3333



7.6252, 0.6180, 0.3475



0.3161, 0.5687, 0.3867

Inverse Universe

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



42.6552, 0.2992, 0.3249



75.9818, 0.2958, 0.3237



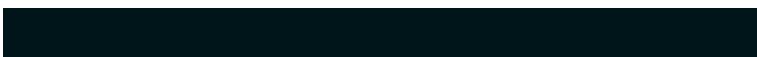
39.5981, 0.2992, 0.3138



9.3573, 0.2986, 0.3247



16.8489, 0.2081, 0.2693



0.5997, 0.2132, 0.2877

Previews

White Background



This preview shows how the Yxy color 40.0211, 0.3275, 0.3331 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 40.0211, 0.3275, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

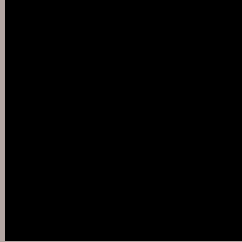
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0211, 0.3275, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 40.0211, 0.3275, 0.3331.



This preview shows how white text looks on a background with the Yxy color 40.0211, 0.3275, 0.3331.

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

40.0211, 0.3275, 0.3331

Protanopia

40.0912, 0.3207, 0.3346

Deuteranopia

39.9589, 0.3347, 0.3277



Tritanopia

40.0697, 0.3172, 0.3117

Trichromacy



Original Color

40.0211, 0.3275, 0.3331

Protanomaly

39.9520, 0.3227, 0.3332

Deuteranomaly

39.9412, 0.3316, 0.3291

Tritanomaly

40.1133, 0.3206, 0.3196

Monochromacy



Original Color

40.0211, 0.3275, 0.3331

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5753, 0.3181, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0211, 0.3275, 0.3331 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, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 164)  
}
```

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, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 164) }
```

Border

The CSS property to change the border of an element to Yxy 40.0211, 0.3275, 0.3331 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, 167, 164) }
```

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

```
.border{ border-color:rgb(180, 167, 164) }
```

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

Here you see how a box with a 4 pixel rgb(180, 167, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0211, 0.3275, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 164) }
```

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

```
.background{ background-color: rgb(180,  
167, 164) }
```

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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