

Converting Colors

$Yxy(35.1171, 0.3379, 0.3305)$

Have a look what the booklet for
Yxy(35.1171, 0.3379, 0.3305)
contains.

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Color

Yxy(35.2076, 0.3378, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	B29B99
RGB	178, 155, 153
RGB Percent	70%, 61%, 60%
CMY	0.3019, 0.3922, 0.4001
CMYK	0.00, 0.13, 0.14, 0.30
HSL	5°, 14%, 65%
HSV	5°, 14%, 70%
XYZ	35.8335, 35.2076, 35.0379
YIQ	161.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

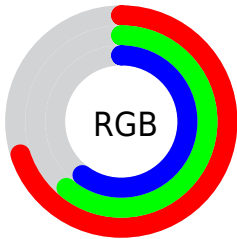
Format	Color
RYB	178, 155, 153
Decimal	11705241
CIELab	65.91, 8.14, 4.17
CIElCh	66, 9.150, 27.117
Yxy	35.2076, 0.3378, 0.3319
Android (android.graphics.Color)	4289895321 (0xFFB29B99)
YUV	161.6490, -4.2640, 14.3398
Hunter-Lab	59.3360, 3.9595, 6.5245

Details

The Yxy color **35.2076, 0.3378, 0.3319** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0395, 0.2916, 0.3261**, and the grayscale version is **35.9752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5983, 0.3332, 0.3312**, and **15.2199, 0.3459, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **29.5796, 0.3607, 0.3341**, and if you desaturate by 10%, it is **41.6653, 0.3192, 0.3298**.

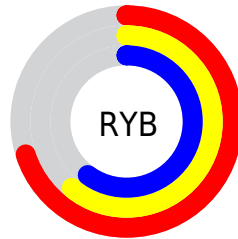
Distribution



Red (70%)

Green (61%)

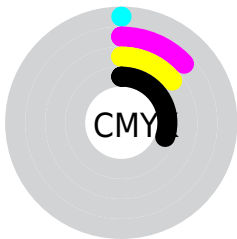
Blue (60%)



Red (70%)

Yellow (61%)

Blue (60%)

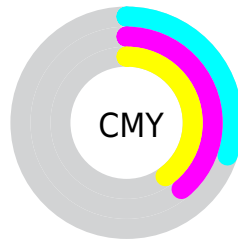


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2076, 0.3378, 0.3319 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 35.2076, 0.3378, 0.3319 by changing the saturation by 10% instead.


 35.2076, 0.3378,
0.3319

 35.2076, 0.3378,
0.3319


325.4837, 0.3246,
0.3305

 23.8228, 0.3413,
0.3322


 67.8072, 0.3328,
0.3314

 15.2023, 0.3460,
0.3326


 89.7909, 0.3310,
0.3312

 8.9615, 0.3525,
0.3331


116.0764, 0.3295,
0.3311

 4.7160, 0.3621,
0.3338

147.0479, 0.3282,
0.3309

 2.0816, 0.3779,
0.3346

183.0901, 0.3271,
0.3308

 0.6543, 0.4329,
0.3451


224.5872, 0.3262,


 0.0000, 0.0000,

0.3307

0.0000


271.9236, 0.3253,
0.3306

 35.2076, 0.3378,
0.3319

 35.2076, 0.3378,
0.3319


 29.5796, 0.3607,
0.3341


 41.6653, 0.3192,
0.3298


 24.7431, 0.3887,
0.3364

 48.9794, 0.3041,
0.3279

 20.6640, 0.4225,
0.3386

 57.1814, 0.2919,
0.3261

 17.3041, 0.4621,
0.3404

 66.2996, 0.2818,
0.3245

 14.6214, 0.5062,
0.3414

 76.3612, 0.2735,
0.3231

■ 12.5699, 0.5514,
0.3412

■ 87.0793, 0.2689,
0.3270

■ 11.0979, 0.5919,
0.3395

■ 88.2073, 0.2691,
0.3289

■ 10.1451, 0.6215,
0.3363

■ 9.7898, 0.6338,
0.3349

Harmonies

Analogous

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



35.2076, 0.3283, 0.3199



35.2076, 0.3378, 0.3319



35.2076, 0.3404, 0.3434

Triad

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



35.2076, 0.3378, 0.3319



35.2076, 0.3103, 0.3487



35.2076, 0.2903, 0.3067

Complementary

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



35.2076, 0.3378, 0.3319



41.0395, 0.2916, 0.3261

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.



35.2076, 0.2858, 0.3137



35.2076, 0.3378, 0.3319



35.2076, 0.2971, 0.3382

Square

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



35.2076, 0.3378, 0.3319



35.2076, 0.3243, 0.3536



35.2076, 0.2883, 0.3253



35.2076, 0.3008, 0.3055

Rectangle

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



35.2076, 0.3378, 0.3319



35.2076, 0.3379, 0.3494



35.2076, 0.2883, 0.3253



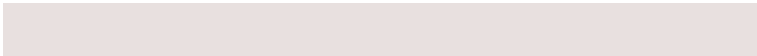
35.2076, 0.2881, 0.3084

Sweetspot

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



35.2092, 0.3378, 0.3319



75.5299, 0.3192, 0.3298



35.3939, 0.3158, 0.2971



16.5277, 0.3205, 0.3300



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.



35.2092, 0.3378, 0.3319



60.3742, 0.3447, 0.3326



39.4672, 0.3354, 0.3487



8.6114, 0.3285, 0.3309



7.0426, 0.6328, 0.3358



0.2576, 0.6050, 0.3578

Inverse Universe

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



41.0395, 0.2916, 0.3261



73.0856, 0.2869, 0.3254



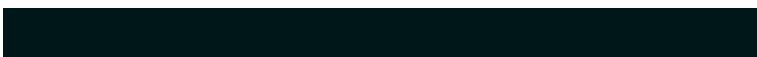
36.4778, 0.2911, 0.3085



9.5123, 0.2986, 0.3271



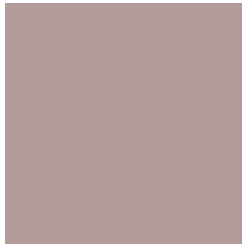
21.2612, 0.2178, 0.3040



0.7032, 0.2199, 0.3115

Previews

White Background



This preview shows how the Yxy color 35.2076, 0.3378, 0.3319 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 35.2076, 0.3378, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

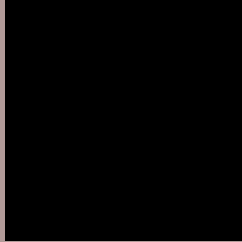
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2076, 0.3378, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 35.2076, 0.3378, 0.3319.



This preview shows how white text looks on a background with the Yxy color 35.2076, 0.3378, 0.3319.

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

35.2076, 0.3378, 0.3319

Protanopia

35.4344, 0.3202, 0.3348

Deuteranopia

35.2076, 0.3378, 0.3319



Tritanopia

35.2024, 0.3285, 0.3125

Trichromacy



Original Color

35.2076, 0.3378, 0.3319

Protanomaly

35.2553, 0.3263, 0.3334

Deuteranomaly

35.2076, 0.3378, 0.3319

Tritanomaly

35.2681, 0.3312, 0.3193

Monochromacy



Original Color

35.2076, 0.3378, 0.3319

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6243, 0.3215, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2076, 0.3378, 0.3319 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, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 153)  
}
```

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, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.2076, 0.3378, 0.3319 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, 155, 153) }
```

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

```
.border{ border-color:rgb(178, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2076, 0.3378, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 153) }
```

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

```
.background{ background-color: rgb(178,  
155, 153) }
```

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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