

Converting Colors

$Y_{xy}(35.7972, 0.3514, 0.3320)$

Have a look what the booklet for
Yxy(35.7972, 0.3514, 0.3320)
contains.

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Color

Yxy(35.8356, 0.3515, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	BD9997
RGB	189, 153, 151
RGB Percent	74%, 60%, 59%
CMY	0.2589, 0.4000, 0.4077
CMYK	0.00, 0.19, 0.20, 0.26
HSL	3°, 22%, 67%
HSV	3°, 20%, 74%
XYZ	37.9633, 35.8356, 34.2047
YIQ	163.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

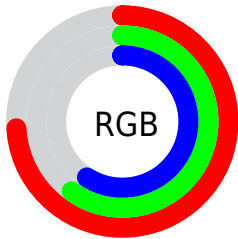
Format	Color
RYB	189, 153, 151
Decimal	12425623
CIELab	66.39, 13.08, 6.10
CIElCh	66, 14.430, 25.010
Yxy	35.8356, 0.3515, 0.3318
Android (android.graphics.Color)	4290615703 (0xFFBD9997)
YUV	163.5360, -6.1802, 22.3319
Hunter-Lab	59.8628, 8.4395, 8.0266

Details

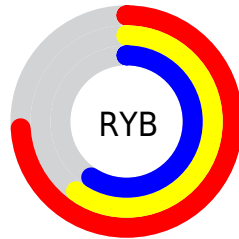
The Yxy color **35.8356, 0.3515, 0.3318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8009, 0.2829, 0.3262**, and the grayscale version is **36.9157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6263, 0.3443, 0.3312**, and **15.5737, 0.3643, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **29.8408, 0.3779, 0.3333**, and if you desaturate by 10%, it is **42.8124, 0.3301, 0.3304**.

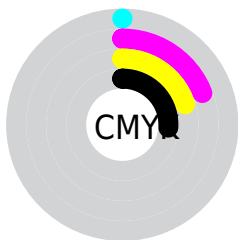
Distribution



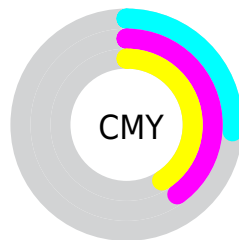
- Red (74%)
- Green (60%)
- Blue (59%)



- Red (74%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8356, 0.3515, 0.3318 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 35.8356, 0.3515, 0.3318 by changing the saturation by 10% instead.


 35.8356, 0.3515,
0.3318


 35.8356, 0.3515,
0.3318


328.2414, 0.3311,
0.3306

 24.3073, 0.3569,
0.3320


 68.7782, 0.3438,
0.3314

 15.5617, 0.3641,
0.3322


 90.9613, 0.3410,
0.3313

 9.2145, 0.3741,
0.3324


117.4648, 0.3387,
0.3311

 4.8814, 0.3888,
0.3325

148.6730, 0.3367,
0.3310

 2.1778, 0.4127,
0.3319

184.9704, 0.3350,
0.3309

 0.7079, 0.4876,
0.3448


226.7413, 0.3336,


 0.0000, 0.0000,


0.3308


0.0000

274.3702, 0.3323,
0.3307


 35.8356, 0.3515,
0.3318


 35.8356, 0.3515,
0.3318


 29.8408, 0.3779,
0.3333


 42.8124, 0.3301,
0.3304


 24.7793, 0.4102,
0.3348


 50.8074, 0.3129,
0.3290


 20.6058, 0.4487,
0.3361

 59.8609, 0.2989,
0.3278

 17.2689, 0.4925,
0.3370

 70.0095, 0.2876,
0.3267

 14.7122, 0.5388,
0.3372

 81.2882, 0.2783,
0.3257

■ 12.8723, 0.5823,
0.3363

■ 89.5577, 0.2747,
0.3289

■ 11.6760, 0.6161,
0.3345

■ 11.0316, 0.6364,
0.3329

Harmonies

Analogous

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



35.8356, 0.3358, 0.3136



35.8356, 0.3515, 0.3318



35.8356, 0.3564, 0.3500

Triad

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



35.8356, 0.3515, 0.3318



35.8356, 0.3102, 0.3613



35.8356, 0.2771, 0.2946

Complementary

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



35.8356, 0.3515, 0.3318



45.8009, 0.2829, 0.3262

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.



35.8356, 0.2709, 0.3059



35.8356, 0.3515, 0.3318



35.8356, 0.2896, 0.3448

Square

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



35.8356, 0.3515, 0.3318



35.8356, 0.3321, 0.3680



35.8356, 0.2753, 0.3242



35.8356, 0.2926, 0.2925

Rectangle

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



35.8356, 0.3515, 0.3318



35.8356, 0.3529, 0.3598



35.8356, 0.2753, 0.3242



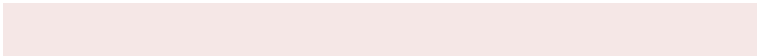
35.8356, 0.2738, 0.2974

Sweetspot

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



35.8372, 0.3515, 0.3318



82.1795, 0.3228, 0.3298



36.5510, 0.3168, 0.2822



17.4755, 0.3239, 0.3299



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



35.8372, 0.3515, 0.3318



59.3671, 0.3622, 0.3324



42.5224, 0.3467, 0.3569



9.6140, 0.3287, 0.3303



7.4582, 0.6355, 0.3336



0.3198, 0.6188, 0.3469

Inverse Universe

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



45.8009, 0.2829, 0.3262



80.3727, 0.2770, 0.3255



38.3015, 0.2812, 0.2994



10.7219, 0.2985, 0.3277



24.2385, 0.2202, 0.3129



0.9758, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 35.8356, 0.3515, 0.3318 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 35.8356, 0.3515, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

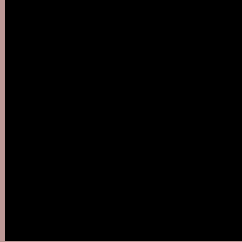
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8356, 0.3515, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 35.8356, 0.3515, 0.3318.



This preview shows how white text looks on a background with the Yxy color 35.8356, 0.3515, 0.3318.

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

35.8356, 0.3515, 0.3318

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

35.8027, 0.3436, 0.3375



Tritanopia

35.7247, 0.3409, 0.3130

Trichromacy



Original Color

35.8356, 0.3515, 0.3318

Protanomaly

35.7855, 0.3322, 0.3347

Deuteranomaly

35.8350, 0.3469, 0.3360

Tritanomaly

35.9068, 0.3447, 0.3197

Monochromacy



Original Color

35.8356, 0.3515, 0.3318

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5291, 0.3262, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8356, 0.3515, 0.3318 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(189, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 151)  
}
```

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(189, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.8356, 0.3515, 0.3318 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(189, 153, 151) }
```

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

```
.border{ border-color:rgb(189, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8356, 0.3515, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 151) }
```

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

```
.background{ background-color: rgb(189,  
153, 151) }
```

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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