

Converting Colors

$Yxy(35.8995, 0.3580, 0.3531)$

Have a look what the booklet for
Yxy(35.8995, 0.3580, 0.3531)
contains.

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Color

Yxy(35.8314, 0.3575, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	B89C8B
RGB	184, 156, 139
RGB Percent	72%, 61%, 55%
CMY	0.2786, 0.3882, 0.4550
CMYK	0.00, 0.15, 0.24, 0.28
HSL	23°, 24%, 63%
HSV	23°, 24%, 72%
XYZ	36.3087, 35.8314, 29.4228
YIQ	162.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

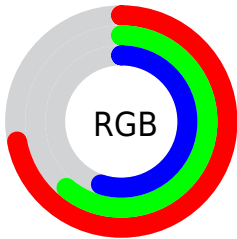
Format	Color
RYB	184, 166, 139
Decimal	12098699
CIELab	66.39, 7.66, 12.75
CIElCh	66, 14.876, 59.001
Yxy	35.8314, 0.3575, 0.3528
Android (android.graphics.Color)	4290288779 (0xFFB89C8B)
YUV	162.4340, -11.5530, 18.9134
Hunter-Lab	59.8593, 3.5185, 12.7586

Details

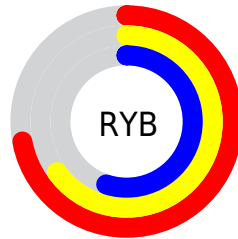
The Yxy color **35.8314, 0.3575, 0.3528** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5597, 0.2751, 0.3039**, and the grayscale version is **36.3919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4687, 0.3480, 0.3473**, and **15.5702, 0.3714, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **31.6819, 0.3811, 0.3631**, and if you desaturate by 10%, it is **40.4357, 0.3371, 0.3427**.

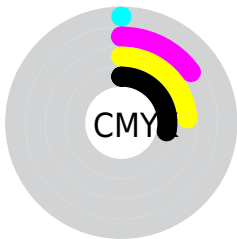
Distribution



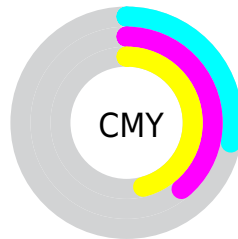
- Red (72%)
- Green (61%)
- Blue (55%)



- Red (72%)
- Yellow (65%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (28%)





- Cyan (28%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8314, 0.3575, 0.3528 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 35.8314, 0.3575, 0.3528 by changing the saturation by 10% instead.


 35.8314, 0.3575,
0.3528


 35.8314, 0.3575,
0.3528


328.2230, 0.3340,
0.3407

 24.3040, 0.3637,
0.3558


 68.7718, 0.3487,
0.3484

 15.5593, 0.3720,
0.3597


 90.9535, 0.3455,
0.3467

 9.2128, 0.3834,
0.3649

 117.4555, 0.3428,
0.3453

 4.8803, 0.4000,
0.3721

148.6622, 0.3405,
0.3442

 2.1772, 0.4265,
0.3823

184.9578, 0.3385,
0.3431

 0.7075, 0.5485,
0.4515

226.7269, 0.3368,

 0.0000, 0.0000,

0.3422

0.0000

274.3539, 0.3353,
0.3414

■ 35.8314, 0.3575,
0.3528

■ 35.8314, 0.3575,
0.3528

■ 31.6819, 0.3811,
0.3631

■ 40.4357, 0.3371,
0.3427

■ 27.9678, 0.4079,
0.3731

■ 45.5037, 0.3197,
0.3331

■ 24.6755, 0.4379,
0.3821

■ 51.0500, 0.3047,
0.3241

■ 21.7888, 0.4702,
0.3891

■ 57.0873, 0.2919,
0.3158

■ 19.2901, 0.5033,
0.3927

■ 63.6276, 0.2810,
0.3082

■ 17.1604, 0.5348,
0.3918

■ 70.6826, 0.2716,
0.3013

■ 15.3785, 0.5620,
0.3858

■ 77.4141, 0.2700,
0.3082

■ 14.5245, 0.5755,
0.3812

■ 84.2092, 0.2712,
0.3208

■ 88.9261, 0.2721,
0.3289

Harmonies

Analogous

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



35.8314, 0.3541, 0.3344



35.8314, 0.3575, 0.3528



35.8314, 0.3484, 0.3658

Triad

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



35.8314, 0.3575, 0.3528



35.8314, 0.2864, 0.3426



35.8314, 0.2947, 0.2919

Complementary

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



35.8314, 0.3575, 0.3528



36.5597, 0.2751, 0.3039

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.



35.8314, 0.2776, 0.2927



35.8314, 0.3575, 0.3528



35.8314, 0.2730, 0.3212

Square

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



35.8314, 0.3575, 0.3528



35.8314, 0.3071, 0.3605



35.8314, 0.2698, 0.3031



35.8314, 0.3172, 0.3002

Rectangle

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



35.8314, 0.3575, 0.3528



35.8314, 0.3368, 0.3692



35.8314, 0.2698, 0.3031



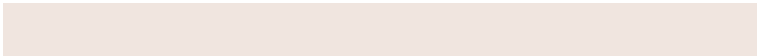
35.8314, 0.2882, 0.2911

Sweetspot

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



35.8330, 0.3575, 0.3528



79.9871, 0.3241, 0.3356



31.4548, 0.3321, 0.2901



17.1243, 0.3251, 0.3361



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.8330, 0.3575, 0.3528



61.0926, 0.3690, 0.3580



43.8779, 0.3508, 0.3816



9.5547, 0.3279, 0.3377



10.1412, 0.5733, 0.3830



0.4783, 0.5248, 0.4215

Inverse Universe

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



36.5597, 0.2751, 0.3039



62.6186, 0.2674, 0.2980



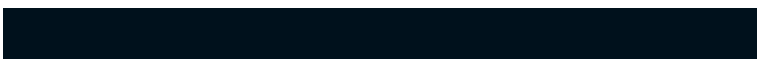
29.1927, 0.2723, 0.2702



9.6237, 0.2985, 0.3201



10.8692, 0.1894, 0.2017



0.4984, 0.1995, 0.2383

Previews

White Background



This preview shows how the Yxy color 35.8314, 0.3575, 0.3528 looks on a white background.

Color Contrast Check

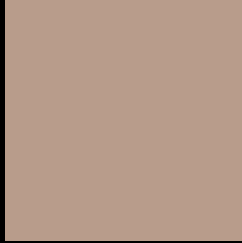
Large Text (above 18pt) WCAG AA × Fail

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 35.8314, 0.3575, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

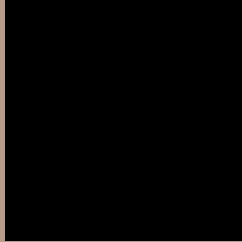
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8314, 0.3575, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 35.8314, 0.3575, 0.3528.



This preview shows how white text looks on a background with the Yxy color 35.8314, 0.3575, 0.3528.

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

35.8314, 0.3575, 0.3528

Protanopia

35.8777, 0.3379, 0.3567

Deuteranopia

35.9553, 0.3586, 0.3527



Tritanopia

35.7016, 0.3367, 0.3129

Trichromacy



Original Color

35.8314, 0.3575, 0.3528

Protanomaly

35.7180, 0.3444, 0.3549

Deuteranomaly

35.9553, 0.3586, 0.3527

Tritanomaly

35.5881, 0.3444, 0.3264

Monochromacy



Original Color

35.8314, 0.3575, 0.3528

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0208, 0.3279, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8314, 0.3575, 0.3528 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(184, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 139)  
}
```

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(184, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 139) }
```

Border

The CSS property to change the border of an element to Yxy 35.8314, 0.3575, 0.3528 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(184, 156, 139) }
```

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

```
.border{ border-color:rgb(184, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8314, 0.3575, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 139) }
```

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

```
.background{ background-color: rgb(184,  
156, 139) }
```

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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