

Converting Colors

$Yxy(36.6985, 0.3565, 0.3583)$

Have a look what the booklet for
Yxy(36.6985, 0.3565, 0.3583)
contains.

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Color

Yxy(36.6985, 0.3565, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	B79F8A
RGB	183, 159, 138
RGB Percent	72%, 62%, 54%
CMY	0.2824, 0.3765, 0.4587
CMYK	0.00, 0.13, 0.25, 0.28
HSL	28°, 24%, 63%
HSV	28°, 25%, 72%
XYZ	36.5141, 36.6985, 29.2113
YIQ	163.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

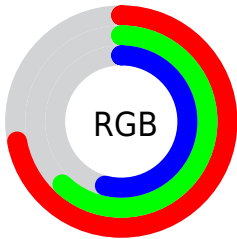
Format	Color
RYB	183, 177, 138
Decimal	12033930
CIELab	67.05, 5.50, 14.20
CIELCh	67, 15.228, 68.817
Yxy	36.6985, 0.3565, 0.3583
Android (android.graphics.Color)	4290224010 (0xFFB79F8A)
YUV	163.7820, -12.7105, 16.8542
Hunter-Lab	60.5793, 1.5770, 13.8159

Details

The Yxy color **36.6985, 0.3565, 0.3583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6682, 0.2745, 0.2978**, and the grayscale version is **37.0705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2054, 0.3479, 0.3538**, and **16.0968, 0.3697, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **32.9880, 0.3787, 0.3709**, and if you desaturate by 10%, it is **40.7668, 0.3369, 0.3460**.

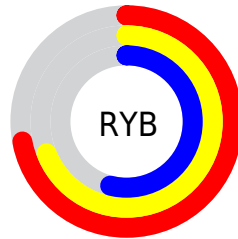
Distribution



Red (72%)

Green (62%)

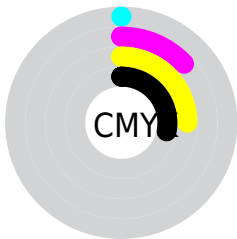
Blue (54%)



Red (72%)

Yellow (69%)

Blue (54%)

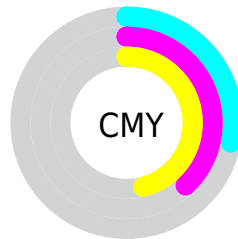


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6985, 0.3565, 0.3583 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 36.6985, 0.3565, 0.3583 by changing the saturation by 10% instead.

 36.6985, 0.3565,
0.3583


 36.6985, 0.3565,
0.3583


332.0033, 0.3336,
0.3434


 24.9741, 0.3625,
0.3621


 70.1088, 0.3480,
0.3528

 16.0578, 0.3704,
0.3670


 92.5636, 0.3448,
0.3508

 9.5651, 0.3813,
0.3735


 119.3639, 0.3422,
0.3491

 5.1115, 0.3970,
0.3826

150.8943, 0.3400,
0.3476

 2.3129, 0.4216,
0.3959

187.5390, 0.3381,
0.3463

 0.7805, 0.5290,
0.4710

229.6825, 0.3364,

 0.0000, 0.0000,

0.3452

0.0000

277.7091, 0.3349,
0.3442

■ 36.6985, 0.3565,
0.3583

■ 36.6985, 0.3565,
0.3583

■ 32.9880, 0.3787,
0.3709

■ 40.7668, 0.3369,
0.3460

■ 29.6197, 0.4035,
0.3831

■ 45.1979, 0.3198,
0.3342

■ 26.5842, 0.4306,
0.3942

■ 50.0032, 0.3049,
0.3231

■ 23.8695, 0.4592,
0.4032

■ 55.1918, 0.2920,
0.3128

■ 21.4628, 0.4879,
0.4086

■ 60.7725, 0.2808,
0.3034

■ 19.3500, 0.5151,
0.4095

■ 66.7540, 0.2711,
0.2948

■ 17.5153, 0.5386,
0.4050

■ 72.4076, 0.2684,
0.2983

■ 16.6239, 0.5504,
0.4012

■ 77.9101, 0.2695,
0.3093

■ 83.7203, 0.2707,
0.3201

Harmonies

Analogous

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



36.6985, 0.3573, 0.3409



36.6985, 0.3565, 0.3583



36.6985, 0.3436, 0.3687

Triad

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



36.6985, 0.3565, 0.3583



36.6985, 0.2805, 0.3357



36.6985, 0.3015, 0.2932

Complementary

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



36.6985, 0.3565, 0.3583



34.6682, 0.2745, 0.2978

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.



36.6985, 0.2819, 0.2908



36.6985, 0.3565, 0.3583



36.6985, 0.2701, 0.3144

Square

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



36.6985, 0.3565, 0.3583



36.6985, 0.2996, 0.3559



36.6985, 0.2706, 0.2982



36.6985, 0.3249, 0.3042

Rectangle

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



36.6985, 0.3565, 0.3583



36.6985, 0.3302, 0.3697



36.6985, 0.2706, 0.2982



36.6985, 0.2943, 0.2913

Sweetspot

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



36.7002, 0.3565, 0.3583



78.8761, 0.3239, 0.3371



30.8853, 0.3362, 0.2949



17.3151, 0.3249, 0.3378



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.



36.7002, 0.3565, 0.3583



62.3958, 0.3671, 0.3645



44.8467, 0.3499, 0.3866



9.6844, 0.3276, 0.3397



11.7328, 0.5484, 0.4027



0.5377, 0.5068, 0.4358

Inverse Universe

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



34.6682, 0.2745, 0.2978



58.1815, 0.2666, 0.2906



27.6589, 0.2716, 0.2641



9.4913, 0.2985, 0.3181



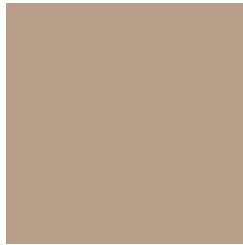
8.5675, 0.1809, 0.1712



0.4247, 0.1933, 0.2157

Previews

White Background



This preview shows how the Yxy color 36.6985, 0.3565, 0.3583 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 36.6985, 0.3565, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

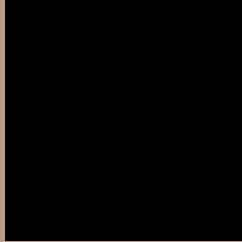
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6985, 0.3565, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 36.6985, 0.3565, 0.3583.



This preview shows how white text looks on a background with the Yxy color 36.6985, 0.3565, 0.3583.

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

36.6985, 0.3565, 0.3583

Protanopia

36.8585, 0.3423, 0.3621

Deuteranopia

36.6403, 0.3623, 0.3551



Tritanopia

36.6718, 0.3323, 0.3129

Trichromacy



Original Color

36.6985, 0.3565, 0.3583

Protanomaly

36.9348, 0.3475, 0.3617

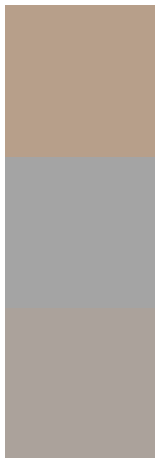
Deuteranomaly

36.7278, 0.3599, 0.3567

Tritanomaly

36.4915, 0.3418, 0.3291

Monochromacy



Original Color

36.6985, 0.3565, 0.3583

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.8651, 0.3277, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6985, 0.3565, 0.3583 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(183, 159, 138)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 138)  
}
```

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(183, 159, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.6985, 0.3565, 0.3583 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(183, 159, 138) }
```

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

```
.border{ border-color:rgb(183, 159, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 159, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 159, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 159,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6985, 0.3565, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 138) }
```

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

```
.background{ background-color: rgb(183,  
159, 138) }
```

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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