

Converting Colors

$Yxy(36.1569, 0.3563, 0.3499)$

Have a look what the booklet for
Yxy(36.1569, 0.3563, 0.3499)
contains.

Yxy(36.0143, 0.3566, 0.3499)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0143, 0.3566, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	B99C8D
RGB	185, 156, 141
RGB Percent	73%, 61%, 55%
CMY	0.2745, 0.3882, 0.4471
CMYK	0.00, 0.16, 0.24, 0.27
HSL	20°, 24%, 64%
HSV	20°, 24%, 73%
XYZ	36.7039, 36.0143, 30.2092
YIQ	162.9610, 22.0990, 1.4830

Conversions

Conversions Part 2

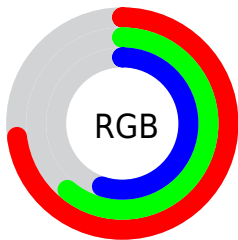
Format	Color
RYB	185, 164, 141
Decimal	12164237
CIELab	66.53, 8.37, 11.85
CIELCh	67, 14.508, 54.768
Yxy	36.0143, 0.3566, 0.3499
Android (android.graphics.Color)	4290354317 (0xFFB99C8D)
YUV	162.9610, -10.8268, 19.3282
Hunter-Lab	60.0119, 4.1516, 12.1625

Details

The Yxy color **36.0143, 0.3566, 0.3499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9088, 0.2763, 0.3071**, and the grayscale version is **36.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9106, 0.3481, 0.3451**, and **15.6838, 0.3700, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **31.6229, 0.3805, 0.3592**, and if you desaturate by 10%, it is **40.9115, 0.3361, 0.3408**.

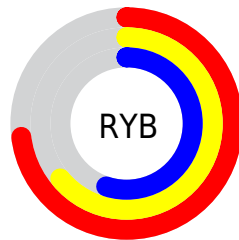
Distribution



Red (73%)

Green (61%)

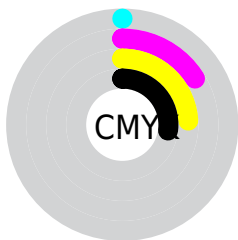
Blue (55%)



Red (73%)

Yellow (64%)

Blue (55%)

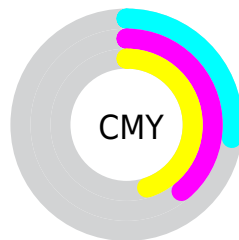


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0143, 0.3566, 0.3499 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 36.0143, 0.3566, 0.3499 by changing the saturation by 10% instead.

 36.0143, 0.3566,
0.3499


 36.0143, 0.3566,
0.3499


329.0230, 0.3336,
0.3394


 24.4452, 0.3627,
0.3525


 69.0541, 0.3480,
0.3461

 15.6642, 0.3708,
0.3559


 91.2937, 0.3448,
0.3446

 9.2869, 0.3820,
0.3604


 117.8589, 0.3422,
0.3434

 4.9288, 0.3983,
0.3665

149.1341, 0.3399,
0.3424

 2.2055, 0.4244,
0.3752

185.5037, 0.3380,
0.3415

 0.7230, 0.5525,
0.4475

227.3522, 0.3363,

 0.0000, 0.0000,

0.3407

0.0000

275.0638, 0.3349,
0.3400

■ 36.0143, 0.3566,
0.3499

■ 36.0143, 0.3566,
0.3499

■ 31.6229, 0.3805,
0.3592

■ 40.9115, 0.3361,
0.3408

■ 27.7158, 0.4081,
0.3683

■ 46.3253, 0.3186,
0.3321

■ 24.2770, 0.4391,
0.3765

■ 52.2725, 0.3038,
0.3241

■ 21.2878, 0.4729,
0.3827

■ 58.7675, 0.2912,
0.3167

■ 18.7280, 0.5078,
0.3858

■ 65.8241, 0.2805,
0.3099

■ 16.5759, 0.5412,
0.3846

■ 73.4558, 0.2713,
0.3037

■ 14.8069, 0.5701,
0.3784

■ 80.6372, 0.2711,
0.3141

■ 13.8838, 0.5857,
0.3731

■ 88.1091, 0.2725,
0.3273

■ 89.0552, 0.2726,
0.3289

Harmonies

Analogous

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



36.0143, 0.3516, 0.3317



36.0143, 0.3566, 0.3499



36.0143, 0.3494, 0.3635

Triad

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



36.0143, 0.3566, 0.3499



36.0143, 0.2896, 0.3451



36.0143, 0.2924, 0.2924

Complementary

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



36.0143, 0.3566, 0.3499



37.9088, 0.2763, 0.3071

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.



36.0143, 0.2768, 0.2945



36.0143, 0.3566, 0.3499



36.0143, 0.2753, 0.3243

Square

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



36.0143, 0.3566, 0.3499



36.0143, 0.3104, 0.3615



36.0143, 0.2707, 0.3059



36.0143, 0.3139, 0.2993

Rectangle

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



36.0143, 0.3566, 0.3499



36.0143, 0.3388, 0.3678



36.0143, 0.2707, 0.3059



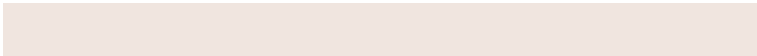
36.0143, 0.2863, 0.2920

Sweetspot

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



36.0159, 0.3566, 0.3499



79.6391, 0.3241, 0.3349



32.2748, 0.3300, 0.2893



17.0435, 0.3251, 0.3354



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.



36.0159, 0.3566, 0.3499



59.9231, 0.3697, 0.3552



43.9473, 0.3502, 0.3784



9.4998, 0.3279, 0.3369



9.5759, 0.5834, 0.3750



0.4553, 0.5327, 0.4152

Inverse Universe

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



37.9088, 0.2763, 0.3071



63.9433, 0.2677, 0.3011



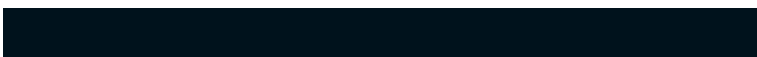
30.4448, 0.2737, 0.2743



9.6806, 0.2985, 0.3210



11.9821, 0.1931, 0.2150



0.5324, 0.2022, 0.2478

Previews

White Background



This preview shows how the Yxy color 36.0143, 0.3566, 0.3499 looks on a white background.

Color Contrast Check

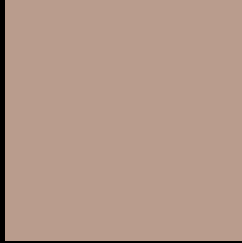
Large Text (above 18pt) WCAG AA × Fail

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 36.0143, 0.3566, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

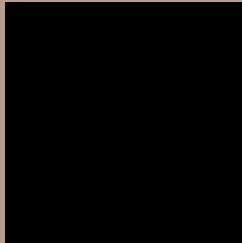
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0143, 0.3566, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 36.0143, 0.3566, 0.3499.



This preview shows how white text looks on a background with the Yxy color 36.0143, 0.3566, 0.3499.

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

36.0143, 0.3566, 0.3499

Protanopia

35.9384, 0.3360, 0.3537

Deuteranopia

36.0143, 0.3566, 0.3499



Tritanopia

36.1542, 0.3375, 0.3143

Trichromacy



Original Color

36.0143, 0.3566, 0.3499

Protanomaly

35.8934, 0.3435, 0.3519

Deuteranomaly

36.0143, 0.3566, 0.3499

Tritanomaly

36.0763, 0.3442, 0.3264

Monochromacy



Original Color

36.0143, 0.3566, 0.3499

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1661, 0.3280, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0143, 0.3566, 0.3499 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(185, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 141)  
}
```

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(185, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.0143, 0.3566, 0.3499 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(185, 156, 141) }
```

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

```
.border{ border-color:rgb(185, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0143, 0.3566, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 141) }
```

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

```
.background{ background-color: rgb(185,  
156, 141) }
```

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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