

Converting Colors

$Yxy(36.0763, 0.3499, 0.3365)$

Have a look what the booklet for
Yxy(36.0763, 0.3499, 0.3365)
contains.

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Color

Yxy(36.0517, 0.3499, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	BA9B95
RGB	186, 155, 149
RGB Percent	73%, 61%, 58%
CMY	0.2706, 0.3922, 0.4156
CMYK	0.00, 0.17, 0.20, 0.27
HSL	10°, 21%, 66%
HSV	10°, 20%, 73%
XYZ	37.3984, 36.0517, 33.4331
YIQ	163.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

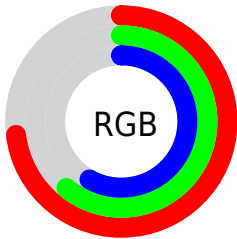
Format	Color
R _Y B	186, 156, 149
Decimal	12229525
CIE Lab	66.56, 10.53, 7.42
CIE LCh	67, 12.878, 35.158
Yxy	36.0517, 0.3499, 0.3373
Android (android.graphics.Color)	4290419605 (0xFFBA9B95)
YUV	163.5850, -7.1904, 19.6580
Hunter-Lab	60.0431, 6.1051, 9.0164

Details

The Yxy color **36.0517, 0.3499, 0.3373** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5939, 0.2829, 0.3205**, and the grayscale version is **36.9462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7900, 0.3423, 0.3355**, and **15.6880, 0.3619, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **30.6452, 0.3748, 0.3418**, and if you desaturate by 10%, it is **42.2269, 0.3294, 0.3330**.

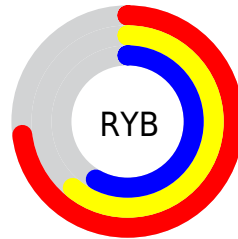
Distribution



Red (73%)

Green (61%)

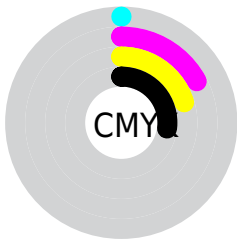
Blue (58%)



Red (73%)

Yellow (61%)

Blue (58%)

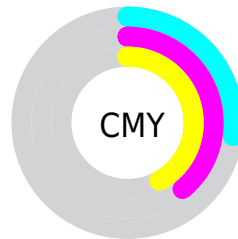


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0517, 0.3499, 0.3373 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 36.0517, 0.3499, 0.3373 by changing the saturation by 10% instead.


 36.0517, 0.3499,
0.3373


 36.0517, 0.3499,
0.3373


329.1865, 0.3304,
0.3332

 24.4741, 0.3551,
0.3383


 69.1119, 0.3426,
0.3359

 15.6857, 0.3620,
0.3395


 91.3632, 0.3399,
0.3353

 9.3020, 0.3715,
0.3411


117.9413, 0.3377,
0.3348

 4.9387, 0.3855,
0.3431

149.2305, 0.3358,
0.3344

 2.2113, 0.4082,
0.3457

185.6153, 0.3341,
0.3341

 0.7262, 0.4880,
0.3724

227.4799, 0.3327,


 0.0000, 0.0000,

0.3338


0.0000

275.2088, 0.3315,
0.3335


 36.0517, 0.3499,
0.3373


 36.0517, 0.3499,
0.3373


 30.6452, 0.3748,
0.3418


 42.2269, 0.3294,
0.3330


 25.9726, 0.4046,
0.3462


 49.1942, 0.3125,
0.3290


 22.0035, 0.4397,
0.3502

 56.9821, 0.2986,
0.3252

 18.7036, 0.4794,
0.3532

 65.6163, 0.2872,
0.3219

 16.0355, 0.5220,
0.3544

 75.1212, 0.2776,
0.3188

■ 13.9584, 0.5635,
0.3530

■ 85.1523, 0.2724,
0.3220

■ 12.4263, 0.5986,
0.3486

■ 89.1797, 0.2731,
0.3289

■ 11.3802, 0.6239,
0.3426

■ 11.3701, 0.6242,
0.3426

Harmonies

Analogous

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



36.0517, 0.3388, 0.3206



36.0517, 0.3499, 0.3373



36.0517, 0.3506, 0.3525

Triad

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



36.0517, 0.3499, 0.3373



36.0517, 0.3039, 0.3535



36.0517, 0.2848, 0.2967

Complementary

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



36.0517, 0.3499, 0.3373



42.5939, 0.2829, 0.3205

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.



36.0517, 0.2761, 0.3042



36.0517, 0.3499, 0.3373



36.0517, 0.2869, 0.3370

Square

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



36.0517, 0.3499, 0.3373



36.0517, 0.3236, 0.3627



36.0517, 0.2769, 0.3188



36.0517, 0.3009, 0.2976

Rectangle

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



36.0517, 0.3499, 0.3373



36.0517, 0.3451, 0.3598



36.0517, 0.2769, 0.3188



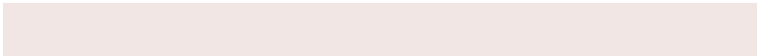
36.0517, 0.2809, 0.2983

Sweetspot

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



36.0533, 0.3499, 0.3373



81.1354, 0.3226, 0.3314



35.2578, 0.3202, 0.2873



17.6886, 0.3238, 0.3317



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.



36.0533, 0.3499, 0.3373



60.7477, 0.3605, 0.3393



42.5220, 0.3453, 0.3614



9.2403, 0.3284, 0.3328



7.7235, 0.6224, 0.3440



0.3459, 0.5791, 0.3784

Inverse Universe

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



42.5939, 0.2829, 0.3205



74.8291, 0.2764, 0.3184



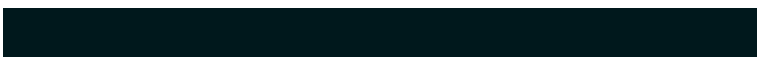
35.7680, 0.2813, 0.2944



9.9570, 0.2985, 0.3252



18.4652, 0.2104, 0.2775



0.7177, 0.2145, 0.2921

Previews

White Background



This preview shows how the Yxy color 36.0517, 0.3499, 0.3373 looks on a white background.

Color Contrast Check

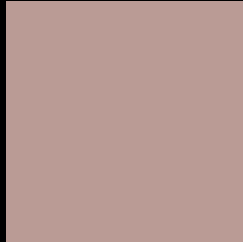
Large Text (above 18pt) WCAG AA × Fail

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 36.0517, 0.3499, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

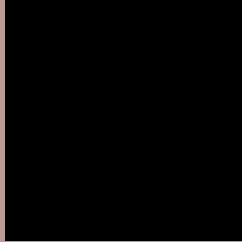
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0517, 0.3499, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 36.0517, 0.3499, 0.3373.



This preview shows how white text looks on a background with the Yxy color 36.0517, 0.3499, 0.3373.

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

36.0517, 0.3499, 0.3373

Protanopia

35.9722, 0.3266, 0.3421

Deuteranopia

36.0141, 0.3466, 0.3388



Tritanopia

36.1904, 0.3366, 0.3129

Trichromacy



Original Color

36.0517, 0.3499, 0.3373

Protanomaly

36.0293, 0.3349, 0.3404

Deuteranomaly

36.1372, 0.3476, 0.3388

Tritanomaly

36.1792, 0.3413, 0.3223

Monochromacy



Original Color

36.0517, 0.3499, 0.3373

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7636, 0.3251, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0517, 0.3499, 0.3373 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(186, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 149)  
}
```

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(186, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 149) }
```

Border

The CSS property to change the border of an element to Yxy 36.0517, 0.3499, 0.3373 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(186, 155, 149) }
```

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

```
.border{ border-color:rgb(186, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0517, 0.3499, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 149) }
```

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

```
.background{ background-color: rgb(186,  
155, 149) }
```

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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