

Converting Colors

Yxy(36.8558, 0.3604, 0.3509)

Have a look what the booklet for
Yxy(36.8558, 0.3604, 0.3509)
contains.

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Color

Yxy(36.8558, 0.3604, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	BD9D8D
RGB	189, 157, 141
RGB Percent	74%, 62%, 55%
CMY	0.2588, 0.3843, 0.4470
CMYK	0.00, 0.17, 0.25, 0.26
HSL	20°, 27%, 65%
HSV	20°, 25%, 74%
XYZ	37.8536, 36.8558, 30.3228
YIQ	164.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

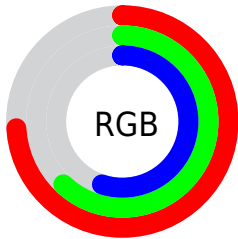
Format	Color
R _{YB}	189, 165, 141
Decimal	12426637
CIE Lab	67.17, 9.38, 12.79
CIE LCh	67, 15.861, 53.730
Yxy	36.8558, 0.3604, 0.3509
Android (android.graphics.Color)	4290616717 (0xFFBD9D8D)
YUV	164.7440, -11.7058, 21.2725
Hunter-Lab	60.7090, 5.0586, 12.8822

Details

The Yxy color **36.8558, 0.3604, 0.3509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2351, 0.2739, 0.3060**, and the grayscale version is **37.5478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6199, 0.3508, 0.3470**, and **16.2143, 0.3754, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **32.2941, 0.3851, 0.3600**, and if you desaturate by 10%, it is **41.9570, 0.3392, 0.3419**.

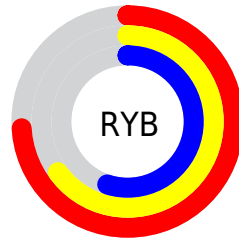
Distribution



Red (74%)

Green (62%)

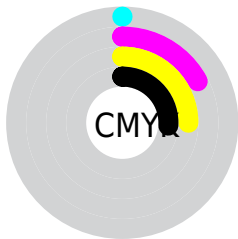
Blue (55%)



Red (74%)

Yellow (65%)

Blue (55%)

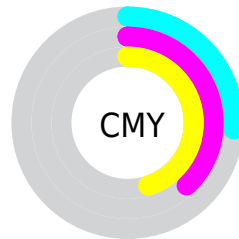


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (26%)



Cyan (26%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8558, 0.3604, 0.3509 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 36.8558, 0.3604, 0.3509 by changing the saturation by 10% instead.


 36.8558, 0.3604,
0.3509


 36.8558, 0.3604,
0.3509


332.6858, 0.3355,
0.3400


 25.0959, 0.3670,
0.3536


 70.3509, 0.3511,
0.3469

 16.1485, 0.3757,
0.3570


 92.8550, 0.3476,
0.3454

 9.6293, 0.3876,
0.3616


 119.7091, 0.3448,
0.3442

 5.1539, 0.4050,
0.3676

151.2978, 0.3424,
0.3431

 2.3378, 0.4324,
0.3760

188.0054, 0.3403,
0.3421

 0.7936, 0.5554,
0.4446

230.2163, 0.3384,


 0.0000, 0.0000,


0.3413


0.0000


278.3150, 0.3369,
0.3406


 36.8558, 0.3604,
0.3509


 36.8558, 0.3604,
0.3509

 32.2941, 0.3851,
0.3600


 41.9570, 0.3392,
0.3419


 28.2488, 0.4135,
0.3688


 47.6099, 0.3213,
0.3334


 24.7022, 0.4454,
0.3766

 53.8327, 0.3060,
0.3254

 21.6339, 0.4799,
0.3822

 60.6410, 0.2931,
0.3180

 19.0216, 0.5152,
0.3844

 68.0499, 0.2821,
0.3113

■ 16.8414, 0.5485,
0.3823

■ 76.0741, 0.2727,
0.3052

■ 15.0659, 0.5765,
0.3752

■ 83.4906, 0.2737,
0.3184

■ 14.3700, 0.5881,
0.3712

■ 89.5602, 0.2747,
0.3289

Harmonies

Analogous

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



36.8558, 0.3545, 0.3311



36.8558, 0.3604, 0.3509



36.8558, 0.3530, 0.3660

Triad

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



36.8558, 0.3604, 0.3509



36.8558, 0.2883, 0.3472



36.8558, 0.2899, 0.2893

Complementary

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



36.8558, 0.3604, 0.3509



39.2351, 0.2739, 0.3060

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.



36.8558, 0.2735, 0.2919



36.8558, 0.3604, 0.3509



36.8558, 0.2726, 0.3246

Square

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



36.8558, 0.3604, 0.3509



36.8558, 0.3109, 0.3648



36.8558, 0.2672, 0.3044



36.8558, 0.3131, 0.2965

Rectangle

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



36.8558, 0.3604, 0.3509



36.8558, 0.3417, 0.3710



36.8558, 0.2672, 0.3044



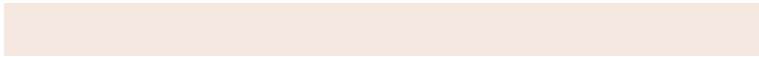
36.8558, 0.2835, 0.2891

Sweetspot

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



36.8575, 0.3604, 0.3509



82.3908, 0.3259, 0.3357



32.9226, 0.3306, 0.2854



17.3842, 0.3285, 0.3369



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.



36.8575, 0.3604, 0.3509



61.7293, 0.3725, 0.3556



45.4716, 0.3531, 0.3809



10.0416, 0.3280, 0.3367



9.7943, 0.5858, 0.3731



0.5064, 0.5384, 0.4107

Inverse Universe

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



39.2351, 0.2739, 0.3060



66.6438, 0.2662, 0.3007



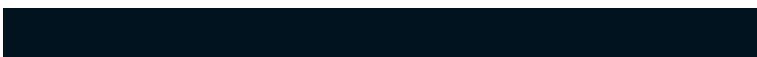
31.0915, 0.2708, 0.2712



10.2595, 0.2985, 0.3212



12.6657, 0.1938, 0.2177



0.6117, 0.2021, 0.2475

Previews

White Background



This preview shows how the Yxy color 36.8558, 0.3604, 0.3509 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 36.8558, 0.3604, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

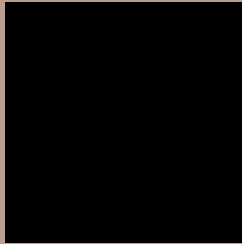
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8558, 0.3604, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 36.8558, 0.3604, 0.3509.



This preview shows how white text looks on a background with the Yxy color 36.8558, 0.3604, 0.3509.

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

36.8558, 0.3604, 0.3509

Protanopia

36.8659, 0.3376, 0.3564

Deuteranopia

37.0682, 0.3590, 0.3523



Tritanopia

36.7055, 0.3406, 0.3132

Trichromacy



Original Color

36.8558, 0.3604, 0.3509

Protanomaly

36.9379, 0.3460, 0.3544

Deuteranomaly

37.0682, 0.3590, 0.3523

Tritanomaly

36.5879, 0.3483, 0.3264

Monochromacy



Original Color

36.8558, 0.3604, 0.3509

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2396, 0.3297, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8558, 0.3604, 0.3509 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, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 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(189, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.8558, 0.3604, 0.3509 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, 157, 141) }
```

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

```
.border{ border-color:rgb(189, 157, 141) }
```

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

Here you see how a box with a 4 pixel rgb(189, 157, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(189, 157,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8558, 0.3604, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 141) }
```

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

```
.background{ background-color: rgb(189,  
157, 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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