

Converting Colors

$Yxy(36.7151, 0.3650, 0.3508)$

Have a look what the booklet for
Yxy(36.7151, 0.3650, 0.3508)
contains.

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Color

Yxy(36.8769, 0.3648, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	C09C8C
RGB	192, 156, 140
RGB Percent	75%, 61%, 55%
CMY	0.2471, 0.3882, 0.4509
CMYK	0.00, 0.19, 0.27, 0.25
HSL	18°, 29%, 65%
HSV	18°, 27%, 75%
XYZ	38.3595, 36.8769, 29.9158
YIQ	164.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

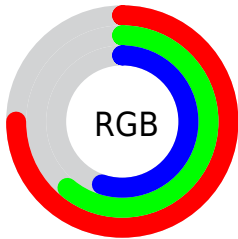
Format	Color
RYB	192, 163, 140
Decimal	12622988
CIELab	67.18, 10.95, 13.40
CIElCh	67, 17.304, 50.758
Yxy	36.8769, 0.3648, 0.3507
Android (android.graphics.Color)	4290813068 (0xFFC09C8C)
YUV	164.9400, -12.2954, 23.7316
Hunter-Lab	60.7264, 6.4835, 13.3002

Details

The Yxy color **36.8769, 0.3648, 0.3507** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4355, 0.2715, 0.3062**, and the grayscale version is **37.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6233, 0.3541, 0.3469**, and **16.2446, 0.3818, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **32.1403, 0.3906, 0.3591**, and if you desaturate by 10%, it is **42.2040, 0.3428, 0.3423**.

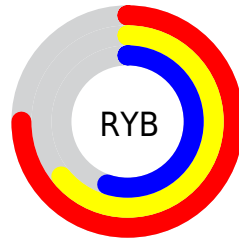
Distribution



Red (75%)

Green (61%)

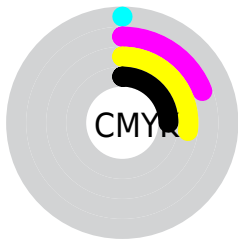
Blue (55%)



Red (75%)

Yellow (64%)

Blue (55%)

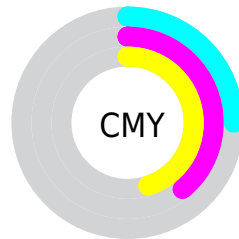


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8769, 0.3648, 0.3507 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 36.8769, 0.3648, 0.3507 by changing the saturation by 10% instead.


 36.8769, 0.3648,
0.3507

 36.8769, 0.3648,
0.3507


332.7773, 0.3375,
0.3400

 25.1122, 0.3720,
0.3533


 70.3834, 0.3546,
0.3468

 16.1607, 0.3815,
0.3566


 92.8940, 0.3509,
0.3454

 9.6379, 0.3945,
0.3609


 119.7554, 0.3477,
0.3441

 5.1596, 0.4135,
0.3665

151.3519, 0.3451,
0.3431

 2.3412, 0.4433,
0.3739

188.0679, 0.3428,
0.3421

 0.7954, 0.5658,
0.4342


230.2879, 0.3408,


 0.0000, 0.0000,


0.3413


0.0000


278.3962, 0.3391,
0.3406


 36.8769, 0.3648,
0.3507


 36.8769, 0.3648,
0.3507

 32.1403, 0.3906,
0.3591


 42.2040, 0.3428,
0.3423

 27.9684, 0.4204,
0.3672


 48.1363, 0.3241,
0.3343

 24.3407, 0.4538,
0.3740

 54.6942, 0.3084,
0.3269

 21.2338, 0.4898,
0.3785

 61.8956, 0.2951,
0.3200

 18.6219, 0.5262,
0.3797

 69.7577, 0.2839,
0.3137

■ 16.4773, 0.5598,
0.3763

■ 78.2831, 0.2744,
0.3082

■ 14.7671, 0.5874,
0.3684

■ 86.2152, 0.2757,
0.3226

■ 14.3384, 0.5947,
0.3660

■ 89.9450, 0.2762,
0.3289

Harmonies

Analogous

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



36.8769, 0.3569, 0.3289



36.8769, 0.3648, 0.3507



36.8769, 0.3580, 0.3680

Triad

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



36.8769, 0.3648, 0.3507



36.8769, 0.2883, 0.3512



36.8769, 0.2857, 0.2857

Complementary

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



36.8769, 0.3648, 0.3507



40.4355, 0.2715, 0.3062

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.



36.8769, 0.2688, 0.2895



36.8769, 0.3648, 0.3507



36.8769, 0.2702, 0.3266

Square

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



36.8769, 0.3648, 0.3507



36.8769, 0.3133, 0.3696



36.8769, 0.2633, 0.3040



36.8769, 0.3104, 0.2925

Rectangle

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



36.8769, 0.3648, 0.3507



36.8769, 0.3464, 0.3744



36.8769, 0.2633, 0.3040



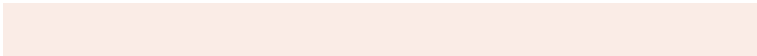
36.8769, 0.2790, 0.2857

Sweetspot

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



36.8786, 0.3648, 0.3507



86.0374, 0.3259, 0.3352



33.1186, 0.3312, 0.2813



18.0959, 0.3286, 0.3364



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



36.8786, 0.3648, 0.3507



62.0246, 0.3784, 0.3553



46.3898, 0.3563, 0.3834



10.5720, 0.3281, 0.3361



9.7721, 0.5925, 0.3678



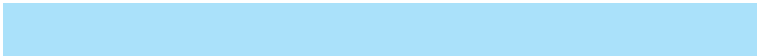
0.5472, 0.5476, 0.4034

Inverse Universe

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



40.4355, 0.2715, 0.3062



69.4488, 0.2635, 0.3009



31.3287, 0.2678, 0.2680



10.8887, 0.2984, 0.3218



13.9815, 0.1963, 0.2266



0.7216, 0.2034, 0.2521

Previews

White Background



This preview shows how the Yxy color 36.8769, 0.3648, 0.3507 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 36.8769, 0.3648, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

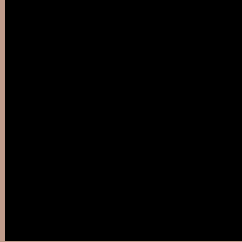
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8769, 0.3648, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 36.8769, 0.3648, 0.3507.



This preview shows how white text looks on a background with the Yxy color 36.8769, 0.3648, 0.3507.

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

36.8769, 0.3648, 0.3507

Protanopia

36.8659, 0.3376, 0.3564

Deuteranopia

37.0385, 0.3600, 0.3537



Tritanopia

36.7389, 0.3448, 0.3133

Trichromacy



Original Color

36.8769, 0.3648, 0.3507

Protanomaly

36.7085, 0.3473, 0.3530

Deuteranomaly

36.8262, 0.3614, 0.3523

Tritanomaly

36.6184, 0.3526, 0.3265

Monochromacy



Original Color

36.8769, 0.3648, 0.3507

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3549, 0.3307, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8769, 0.3648, 0.3507 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(192, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 140)  
}
```

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(192, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 140) }
```

Border

The CSS property to change the border of an element to Yxy 36.8769, 0.3648, 0.3507 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(192, 156, 140) }
```

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

```
.border{ border-color:rgb(192, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8769, 0.3648, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 140) }
```

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

```
.background{ background-color: rgb(192,  
156, 140) }
```

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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