

Converting Colors

$Yxy(36.8708, 0.3640, 0.3636)$

Have a look what the booklet for
Yxy(36.8708, 0.3640, 0.3636)
contains.

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Color

Yxy(36.9566, 0.3635, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	BA9F86
RGB	186, 159, 134
RGB Percent	73%, 62%, 53%
CMY	0.2707, 0.3764, 0.4745
CMYK	0.00, 0.14, 0.28, 0.27
HSL	29°, 27%, 63%
HSV	29°, 28%, 73%
XYZ	36.9464, 36.9566, 27.7378
YIQ	164.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

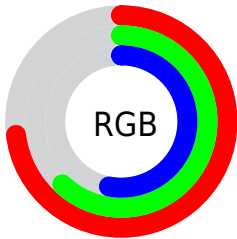
Format	Color
RYB	186, 182, 134
Decimal	12230534
CIELab	67.24, 6.09, 16.74
CIELCh	67, 17.815, 69.997
Yxy	36.9566, 0.3635, 0.3636
Android (android.graphics.Color)	4290420614 (0xFFBA9F86)
YUV	164.2230, -14.8999, 19.0984
Hunter-Lab	60.7919, 2.0979, 15.5019

Details

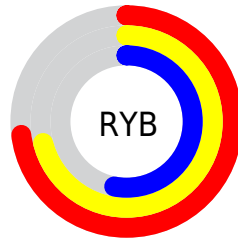
The Yxy color **36.9566, 0.3635, 0.3636** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0873, 0.2689, 0.2916**, and the grayscale version is **37.2995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7357, 0.3540, 0.3578**, and **16.2708, 0.3796, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **33.2944, 0.3864, 0.3765**, and if you desaturate by 10%, it is **40.9725, 0.3432, 0.3507**.

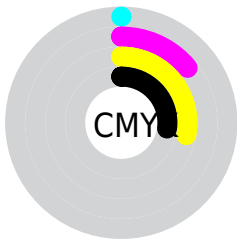
Distribution



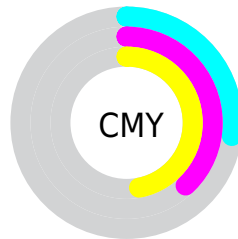
- Red (73%)
- Green (62%)
- Blue (53%)



- Red (73%)
- Yellow (71%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (27%)




- Cyan (27%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9566, 0.3635, 0.3636 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 36.9566, 0.3635, 0.3636 by changing the saturation by 10% instead.


 36.9566, 0.3635,
0.3636


 36.9566, 0.3635,
0.3636


333.1226, 0.3370,
0.3460


 25.1739, 0.3704,
0.3680


 70.5060, 0.3536,
0.3572

 16.2067, 0.3795,
0.3737


 93.0415, 0.3500,
0.3548

 9.6705, 0.3919,
0.3812


 119.9301, 0.3470,
0.3528

 5.1810, 0.4098,
0.3915

151.5561, 0.3444,
0.3510

 2.3539, 0.4373,
0.4060

188.3040, 0.3422,
0.3495

 0.8020, 0.5323,
0.4677

230.5581, 0.3402,

 0.0000, 0.0000,

0.3482

0.0000

278.7028, 0.3385,
0.3471

■ 36.9566, 0.3635,
0.3636

■ 36.9566, 0.3635,
0.3636

■ 33.2944, 0.3864,
0.3765

■ 40.9725, 0.3432,
0.3507

■ 29.9700, 0.4117,
0.3889

■ 45.3470, 0.3253,
0.3384

■ 26.9740, 0.4389,
0.3997

■ 50.0915, 0.3097,
0.3267

■ 24.2941, 0.4671,
0.4079

■ 55.2152, 0.2961,
0.3158

■ 21.9173, 0.4948,
0.4123

■ 60.7271, 0.2844,
0.3058

■ 19.8290, 0.5202,
0.4116

■ 66.6357, 0.2741,
0.2965

■ 18.0102, 0.5419,
0.4059

■ 72.3438, 0.2700,
0.2976

■ 17.6662, 0.5463,
0.4045

■ 77.7555, 0.2711,
0.3084

■ 83.4673, 0.2721,
0.3190

Harmonies

Analogous

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



36.9566, 0.3651, 0.3435



36.9566, 0.3635, 0.3636



36.9566, 0.3478, 0.3756

Triad

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



36.9566, 0.3635, 0.3636



36.9566, 0.2746, 0.3357



36.9566, 0.3006, 0.2878

Complementary

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



36.9566, 0.3635, 0.3636



34.0873, 0.2689, 0.2916

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.



36.9566, 0.2775, 0.2846



36.9566, 0.3635, 0.3636



36.9566, 0.2630, 0.3109

Square

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



36.9566, 0.3635, 0.3636



36.9566, 0.2963, 0.3598



36.9566, 0.2641, 0.2925



36.9566, 0.3279, 0.3009

Rectangle

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



36.9566, 0.3635, 0.3636



36.9566, 0.3319, 0.3766



36.9566, 0.2641, 0.2925



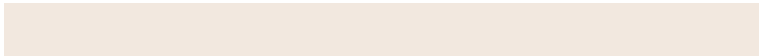
36.9566, 0.2921, 0.2855

Sweetspot

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



36.9583, 0.3635, 0.3636



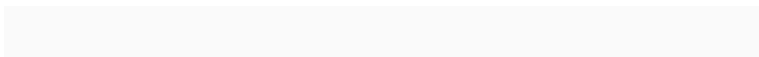
82.0667, 0.3256, 0.3386



30.0836, 0.3412, 0.2911



17.7987, 0.3282, 0.3404



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.



36.9583, 0.3635, 0.3636



62.5452, 0.3784, 0.3722



46.5402, 0.3549, 0.3957



9.7063, 0.3276, 0.3400



12.0370, 0.5442, 0.4061



0.5484, 0.5039, 0.4381

Inverse Universe

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



34.0873, 0.2689, 0.2916



56.4147, 0.2583, 0.2813



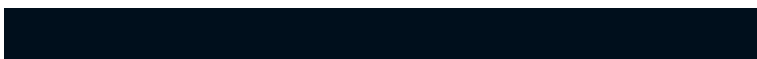
26.1437, 0.2649, 0.2523



9.4693, 0.2985, 0.3177



8.2232, 0.1795, 0.1662



0.4131, 0.1922, 0.2119

Previews

White Background



This preview shows how the Yxy color 36.9566, 0.3635, 0.3636 looks on a white background.

Color Contrast Check

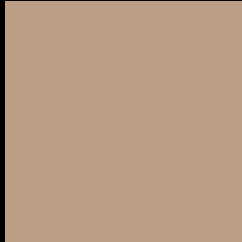
Large Text (above 18pt) WCAG AA × Fail

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 36.9566, 0.3635, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

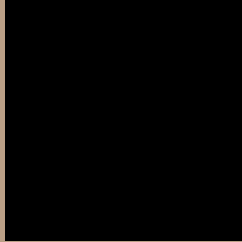
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9566, 0.3635, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 36.9566, 0.3635, 0.3636.



This preview shows how white text looks on a background with the Yxy color 36.9566, 0.3635, 0.3636.

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

36.9566, 0.3635, 0.3636

Protanopia

36.8562, 0.3470, 0.3678

Deuteranopia

36.7823, 0.3684, 0.3604



Tritanopia

36.8115, 0.3374, 0.3131

Trichromacy



Original Color

36.9566, 0.3635, 0.3636

Protanomaly

37.0549, 0.3533, 0.3672

Deuteranomaly

36.9938, 0.3670, 0.3619

Tritanomaly

36.9288, 0.3478, 0.3318

Monochromacy



Original Color

36.9566, 0.3635, 0.3636

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9112, 0.3305, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9566, 0.3635, 0.3636 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, 159, 134)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 134)  
}
```

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, 159, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 134) }
```

Border

The CSS property to change the border of an element to Yxy 36.9566, 0.3635, 0.3636 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, 159, 134) }
```

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

```
.border{ border-color:rgb(186, 159, 134) }
```

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

Here you see how a box with a 4 pixel rgb(186, 159, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 159, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 159, 134);  
box-shadow:4px 4px 4px 4px rgb(186, 159,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9566, 0.3635, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 134) }
```

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

```
.background{ background-color: rgb(186,  
159, 134) }
```

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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