

Converting Colors

Yxy(36.4626, 0.3738, 0.3546)

Have a look what the booklet for
Yxy(36.4626, 0.3738, 0.3546)
contains.

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Color

Yxy(36.4626, 0.3738, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	C39A87
RGB	195, 154, 135
RGB Percent	76%, 60%, 53%
CMY	0.2352, 0.3961, 0.4706
CMYK	0.00, 0.21, 0.31, 0.24
HSL	19°, 33%, 65%
HSV	19°, 31%, 76%
XYZ	38.4369, 36.4626, 27.9279
YIQ	164.0930, 30.5350, 2.7830

Conversions

Conversions Part 2

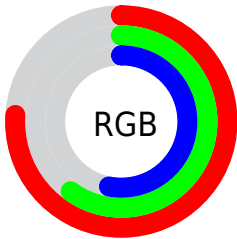
Format	Color
RYB	195, 163, 135
Decimal	12819079
CIELab	66.87, 12.54, 15.81
CIElCh	67, 20.180, 51.572
Yxy	36.4626, 0.3738, 0.3546
Android (android.graphics.Color)	4291009159 (0xFFC39A87)
YUV	164.0930, -14.3428, 27.1054
Hunter-Lab	60.3843, 7.9496, 14.8472

Details

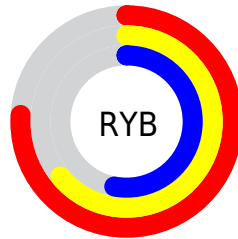
The Yxy color **36.4626, 0.3738, 0.3546** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1426, 0.2659, 0.3017**, and the grayscale version is **37.2306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4380, 0.3618, 0.3500**, and **15.9318, 0.3933, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **31.8073, 0.4009, 0.3632**, and if you desaturate by 10%, it is **41.7102, 0.3505, 0.3459**.

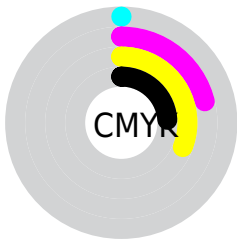
Distribution



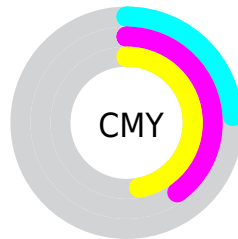
- Red (76%)
- Green (60%)
- Blue (53%)



- Red (76%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4626, 0.3738, 0.3546 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 36.4626, 0.3738, 0.3546 by changing the saturation by 10% instead.


 36.4626, 0.3738,
0.3546


 36.4626, 0.3738,
0.3546


330.9780, 0.3418,
0.3420

 24.7917, 0.3823,
0.3576


 69.7455, 0.3618,
0.3501

 15.9219, 0.3934,
0.3614


 92.1262, 0.3574,
0.3484

 9.4689, 0.4087,
0.3662


 118.8457, 0.3537,
0.3469

 5.0483, 0.4308,
0.3722

150.2883, 0.3506,
0.3457

 2.2756, 0.4654,
0.3797

186.8385, 0.3479,
0.3446

 0.7608, 0.5784,
0.4216


228.8805, 0.3456,


 0.0000, 0.0000,

0.3436


0.0000


276.7989, 0.3436,
0.3428


 36.4626, 0.3738,
0.3546


 36.4626, 0.3738,
0.3546

 31.8073, 0.4009,
0.3632


 41.7102, 0.3505,
0.3459


 27.7178, 0.4319,
0.3711


 47.5653, 0.3307,
0.3375


 24.1731, 0.4661,
0.3775


 54.0487, 0.3139,
0.3296


 21.1488, 0.5022,
0.3810


 61.1789, 0.2998,
0.3223


 18.6183, 0.5376,
0.3807

 68.9733, 0.2878,
0.3155

 16.5522, 0.5689,
0.3756

 77.4490, 0.2776,
0.3094

 15.0245, 0.5926,
0.3676

 85.5136, 0.2772,
0.3207

 90.3444, 0.2778,
0.3289

Harmonies

Analogous

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



36.4626, 0.3650, 0.3294



36.4626, 0.3738, 0.3546



36.4626, 0.3652, 0.3749

Triad

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



36.4626, 0.3738, 0.3546



36.4626, 0.2834, 0.3543



36.4626, 0.2818, 0.2787

Complementary

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



36.4626, 0.3738, 0.3546



40.1426, 0.2659, 0.3017

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.



36.4626, 0.2620, 0.2826



36.4626, 0.3738, 0.3546



36.4626, 0.2628, 0.3251

Square

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



36.4626, 0.3738, 0.3546



36.4626, 0.3124, 0.3765



36.4626, 0.2552, 0.2989



36.4626, 0.3107, 0.2870

Rectangle

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



36.4626, 0.3738, 0.3546



36.4626, 0.3512, 0.3824



36.4626, 0.2552, 0.2989



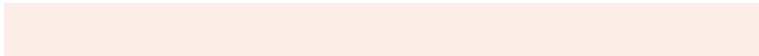
36.4626, 0.2739, 0.2786

Sweetspot

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



36.4643, 0.3738, 0.3546



87.0030, 0.3277, 0.3362



32.0632, 0.3355, 0.2757



18.6909, 0.3304, 0.3374



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.4643, 0.3738, 0.3546



59.5198, 0.3918, 0.3605



47.6391, 0.3625, 0.3922



10.5870, 0.3281, 0.3364



9.8982, 0.5902, 0.3696



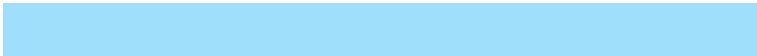
0.5538, 0.5456, 0.4050

Inverse Universe

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



40.1426, 0.2659, 0.3017



67.1355, 0.2559, 0.2947



29.6457, 0.2607, 0.2566



10.8729, 0.2984, 0.3215



13.6625, 0.1954, 0.2233



0.7096, 0.2027, 0.2497

Previews

White Background



This preview shows how the Yxy color 36.4626, 0.3738, 0.3546 looks on a white background.

Color Contrast Check

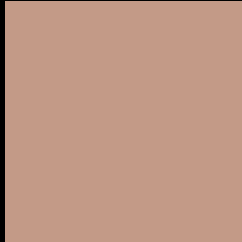
Large Text (above 18pt) WCAG AA × Fail

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 36.4626, 0.3738, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

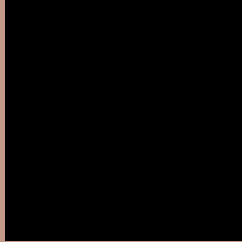
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4626, 0.3738, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 36.4626, 0.3738, 0.3546.



This preview shows how white text looks on a background with the Yxy color 36.4626, 0.3738, 0.3546.

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

36.4626, 0.3738, 0.3546

Protanopia

36.7164, 0.3422, 0.3637

Deuteranopia

36.6540, 0.3674, 0.3606



Tritanopia

36.4271, 0.3504, 0.3135

Trichromacy



Original Color

36.4626, 0.3738, 0.3546

Protanomaly

36.6799, 0.3531, 0.3600

Deuteranomaly

36.5745, 0.3698, 0.3590

Tritanomaly

36.2705, 0.3594, 0.3278

Monochromacy



Original Color

36.4626, 0.3738, 0.3546

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5555, 0.3338, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4626, 0.3738, 0.3546 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(195, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 135)  
}
```

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(195, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 135) }
```

Border

The CSS property to change the border of an element to Yxy 36.4626, 0.3738, 0.3546 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(195, 154, 135) }
```

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

```
.border{ border-color:rgb(195, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 154, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 154, 135); box-shadow:4px 4px 4px 4px rgb(195, 154, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4626, 0.3738, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 135) }
```

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

```
.background{ background-color: rgb(195,  
154, 135) }
```

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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