

Converting Colors

$Yxy(36.1754, 0.3694, 0.3511)$

Have a look what the booklet for
Yxy(36.1754, 0.3694, 0.3511)
contains.

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Color

Yxy(36.2548, 0.3696, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	C19A89
RGB	193, 154, 137
RGB Percent	76%, 60%, 54%
CMY	0.2433, 0.3960, 0.4628
CMYK	0.00, 0.20, 0.29, 0.24
HSL	18°, 31%, 65%
HSV	18°, 29%, 76%
XYZ	38.0567, 36.2548, 28.6558
YIQ	163.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

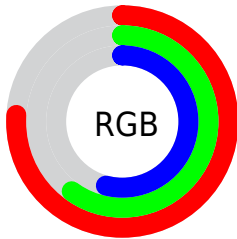
Format	Color
RYB	193, 161, 137
Decimal	12688009
CIELab	66.71, 12.00, 14.44
CIElCh	67, 18.776, 50.279
Yxy	36.2548, 0.3696, 0.3521
Android (android.graphics.Color)	4290878089 (0xFFC19A89)
YUV	163.7230, -13.1744, 25.6759
Hunter-Lab	60.2120, 7.4493, 13.9313

Details

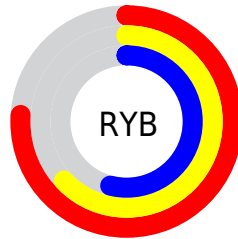
The Yxy color **36.2548, 0.3696, 0.3521** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1948, 0.2686, 0.3046**, and the grayscale version is **37.0390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1534, 0.3586, 0.3480**, and **15.7919, 0.3875, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **31.5634, 0.3963, 0.3604**, and if you desaturate by 10%, it is **41.5445, 0.3468, 0.3438**.

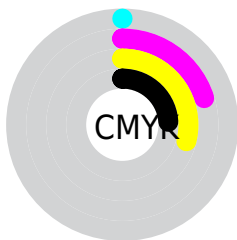
Distribution



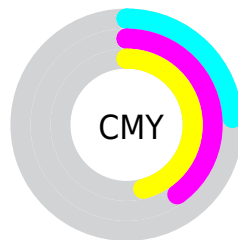
- Red (76%)
- Green (60%)
- Blue (54%)



- Red (76%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2548, 0.3696, 0.3521 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 36.2548, 0.3696, 0.3521 by changing the saturation by 10% instead.


 36.2548, 0.3696,
0.3521


 36.2548, 0.3696,
0.3521


330.0729, 0.3397,
0.3407


 24.6310, 0.3775,
0.3549


 69.4252, 0.3584,
0.3480

 15.8024, 0.3879,
0.3583


 91.7406, 0.3543,
0.3465

 9.3844, 0.4023,
0.3627


 118.3886, 0.3509,
0.3451

 4.9928, 0.4232,
0.3684

149.7538, 0.3480,
0.3440

 2.2430, 0.4561,
0.3756

186.2204, 0.3455,
0.3430

 0.7433, 0.5759,
0.4241

228.1728, 0.3433,

 0.0000, 0.0000,

0.3421

0.0000

275.9955, 0.3414,
0.3414

■ 36.2548, 0.3696,
0.3521

■ 36.2548, 0.3696,
0.3521

■ 31.5634, 0.3963,
0.3604

■ 41.5445, 0.3468,
0.3438

■ 27.4437, 0.4269,
0.3682

■ 47.4478, 0.3275,
0.3358

■ 23.8744, 0.4611,
0.3746

■ 53.9857, 0.3112,
0.3283

■ 20.8311, 0.4975,
0.3785

■ 61.1769, 0.2975,
0.3214

■ 18.2871, 0.5338,
0.3787

■ 69.0389, 0.2859,
0.3150

■ 16.2131, 0.5666,
0.3744

■ 77.5890, 0.2761,
0.3092

■ 14.5719, 0.5932,
0.3661

■ 85.6946, 0.2761,
0.3215

■ 14.4298, 0.5957,
0.3652

■ 90.0733, 0.2768,
0.3289

Harmonies

Analogous

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



36.2548, 0.3607, 0.3284



36.2548, 0.3696, 0.3521



36.2548, 0.3624, 0.3712

Triad

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



36.2548, 0.3696, 0.3521



36.2548, 0.2864, 0.3536



36.2548, 0.2829, 0.2819

Complementary

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



36.2548, 0.3696, 0.3521



40.1948, 0.2686, 0.3046

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.



36.2548, 0.2647, 0.2861



36.2548, 0.3696, 0.3521



36.2548, 0.2667, 0.3267

Square

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



36.2548, 0.3696, 0.3521



36.2548, 0.3137, 0.3737



36.2548, 0.2590, 0.3019



36.2548, 0.3096, 0.2892

Rectangle

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



36.2548, 0.3696, 0.3521



36.2548, 0.3497, 0.3785



36.2548, 0.2590, 0.3019



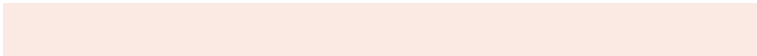
36.2548, 0.2756, 0.2820

Sweetspot

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



36.2565, 0.3696, 0.3521



84.8622, 0.3277, 0.3359



32.3641, 0.3329, 0.2778



17.8581, 0.3304, 0.3370



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.



36.2565, 0.3696, 0.3521



59.3414, 0.3866, 0.3576



46.5022, 0.3597, 0.3874



10.5664, 0.3281, 0.3361



9.7260, 0.5933, 0.3671



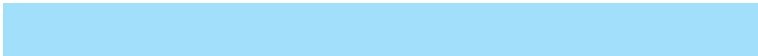
0.5447, 0.5483, 0.4028

Inverse Universe

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



40.1948, 0.2686, 0.3046



67.5568, 0.2591, 0.2982



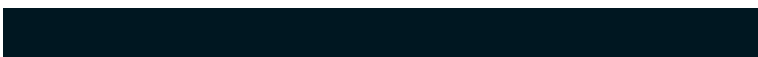
30.4054, 0.2642, 0.2629



10.8946, 0.2984, 0.3218



14.1021, 0.1966, 0.2278



0.7261, 0.2036, 0.2530

Previews

White Background



This preview shows how the Yxy color 36.2548, 0.3696, 0.3521 looks on a white background.

Color Contrast Check

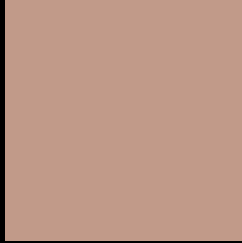
Large Text (above 18pt) WCAG AA × Fail

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 36.2548, 0.3696, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

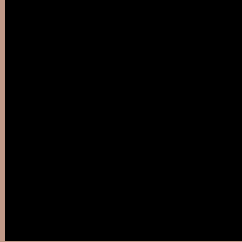
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2548, 0.3696, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 36.2548, 0.3696, 0.3521.



This preview shows how white text looks on a background with the Yxy color 36.2548, 0.3696, 0.3521.

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

36.2548, 0.3696, 0.3521

Protanopia

36.3098, 0.3396, 0.3594

Deuteranopia

36.1479, 0.3626, 0.3553



Tritanopia

36.1571, 0.3483, 0.3133

Trichromacy



Original Color

36.2548, 0.3696, 0.3521

Protanomaly

36.1547, 0.3494, 0.3560

Deuteranomaly

36.0676, 0.3651, 0.3538

Tritanomaly

36.0352, 0.3563, 0.3265

Monochromacy



Original Color

36.2548, 0.3696, 0.3521

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5887, 0.3329, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2548, 0.3696, 0.3521 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(193, 154, 137)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 137)  
}
```

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(193, 154, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.2548, 0.3696, 0.3521 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(193, 154, 137) }
```

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

```
.border{ border-color:rgb(193, 154, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 137);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2548, 0.3696, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 137) }
```

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

```
.background{ background-color: rgb(193,  
154, 137) }
```

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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