

Converting Colors

$Y_{xy}(36.2378, 0.3727, 0.3554)$

Have a look what the booklet for
Yxy(36.2378, 0.3727, 0.3554)
contains.

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Color

Yxy(36.1699, 0.3727, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	C19A86
RGB	193, 154, 134
RGB Percent	76%, 60%, 53%
CMY	0.2431, 0.3961, 0.4744
CMYK	0.00, 0.20, 0.31, 0.24
HSL	20°, 32%, 64%
HSV	20°, 31%, 76%
XYZ	37.8560, 36.1699, 27.5464
YIQ	163.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

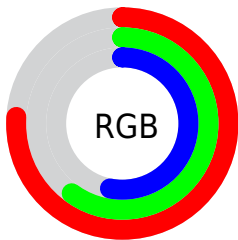
Format	Color
R _{YB}	193, 164, 134
Decimal	12688006
CIE Lab	66.65, 11.63, 16.01
CIE LCh	67, 19.785, 54.002
Yxy	36.1699, 0.3727, 0.3561
Android (android.graphics.Color)	4290878086 (0xFFC19A86)
YUV	163.3810, -14.4848, 25.9759
Hunter-Lab	60.1414, 7.1093, 14.9426

Details

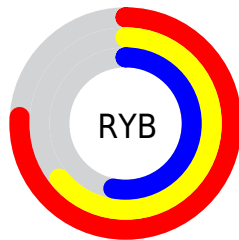
The Yxy color **36.1699, 0.3727, 0.3561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8251, 0.2660, 0.3001**, and the grayscale version is **36.8768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0236, 0.3609, 0.3511**, and **15.7439, 0.3919, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **31.6887, 0.3993, 0.3653**, and if you desaturate by 10%, it is **41.2011, 0.3498, 0.3468**.

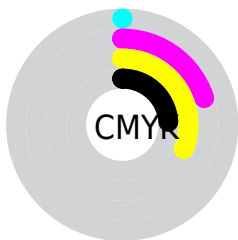
Distribution



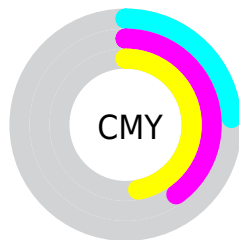
- Red (76%)
- Green (60%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1699, 0.3727, 0.3561 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 36.1699, 0.3727, 0.3561 by changing the saturation by 10% instead.


 36.1699, 0.3727,
0.3561


 36.1699, 0.3727,
0.3561


329.7025, 0.3412,
0.3427

 24.5654, 0.3810,
0.3593


 69.2942, 0.3609,
0.3513

 15.7536, 0.3920,
0.3634


 91.5829, 0.3566,
0.3495

 9.3500, 0.4071,
0.3686


 118.2017, 0.3530,
0.3479

 4.9701, 0.4289,
0.3754

149.5351, 0.3499,
0.3466

 2.2298, 0.4631,
0.3840

185.9675, 0.3473,
0.3454

 0.7361, 0.5739,
0.4261

227.8833, 0.3450,

 0.0000, 0.0000,

0.3444

0.0000

275.6668, 0.3430,
0.3435

■ 36.1699, 0.3727,
0.3561

■ 36.1699, 0.3727,
0.3561

■ 31.6887, 0.3993,
0.3653

■ 41.2011, 0.3498,
0.3468

■ 27.7330, 0.4294,
0.3738

■ 46.7954, 0.3302,
0.3379

■ 24.2841, 0.4627,
0.3807

■ 52.9720, 0.3136,
0.3295


■ 21.3199, 0.4977,
0.3848


■ 59.7474, 0.2995,
0.3216


■ 18.8165, 0.5321,
0.3850

■ 67.1376, 0.2875,
0.3145

 16.7477, 0.5628,
0.3802

 75.1580, 0.2773,
0.3079

 15.1616, 0.5869,
0.3722

 82.8792, 0.2757,
0.3165

 90.0803, 0.2768,
0.3289

Harmonies

Analogous

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



36.1699, 0.3654, 0.3314



36.1699, 0.3727, 0.3561



36.1699, 0.3630, 0.3753

Triad

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



36.1699, 0.3727, 0.3561



36.1699, 0.2819, 0.3517



36.1699, 0.2844, 0.2798

Complementary

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



36.1699, 0.3727, 0.3561



38.8251, 0.2660, 0.3001

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.



36.1699, 0.2639, 0.2826



36.1699, 0.3727, 0.3561



36.1699, 0.2625, 0.3229

Square

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



36.1699, 0.3727, 0.3561



36.1699, 0.3100, 0.3743



36.1699, 0.2562, 0.2977



36.1699, 0.3132, 0.2888

Rectangle

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



36.1699, 0.3727, 0.3561



36.1699, 0.3486, 0.3820



36.1699, 0.2562, 0.2977



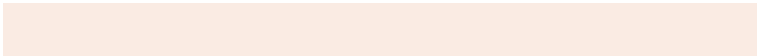
36.1699, 0.2763, 0.2793

Sweetspot

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



36.1716, 0.3727, 0.3561



85.3046, 0.3277, 0.3367



31.4262, 0.3363, 0.2774



17.9668, 0.3303, 0.3379



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.



36.1716, 0.3727, 0.3561



59.0395, 0.3909, 0.3626



47.0065, 0.3617, 0.3929



10.6229, 0.3281, 0.3369



10.2158, 0.5846, 0.3741



0.5703, 0.5407, 0.4089

Inverse Universe

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



38.8251, 0.2660, 0.3001



64.5595, 0.2556, 0.2923



28.8225, 0.2610, 0.2557



10.8354, 0.2984, 0.3210



12.9221, 0.1932, 0.2156



0.6816, 0.2011, 0.2438

Previews

White Background



This preview shows how the Yxy color 36.1699, 0.3727, 0.3561 looks on a white background.

Color Contrast Check

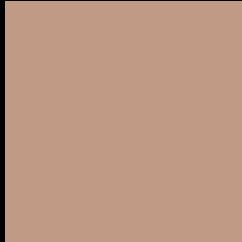
Large Text (above 18pt) WCAG AA × Fail

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 36.1699, 0.3727, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

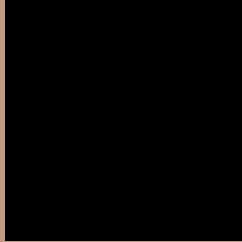
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1699, 0.3727, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 36.1699, 0.3727, 0.3561.



This preview shows how white text looks on a background with the Yxy color 36.1699, 0.3727, 0.3561.

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

36.1699, 0.3727, 0.3561

Protanopia

36.3336, 0.3434, 0.3638

Deuteranopia

36.1895, 0.3667, 0.3593



Tritanopia

36.1571, 0.3483, 0.3133

Trichromacy



Original Color

36.1699, 0.3727, 0.3561

Protanomaly

36.1861, 0.3534, 0.3602

Deuteranomaly

36.1111, 0.3692, 0.3578

Tritanomaly

36.0023, 0.3573, 0.3278

Monochromacy



Original Color

36.1699, 0.3727, 0.3561

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4073, 0.3337, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1699, 0.3727, 0.3561 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 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(193, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 134) }
```

Border

The CSS property to change the border of an element to Yxy 36.1699, 0.3727, 0.3561 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, 134) }
```

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

```
.border{ border-color:rgb(193, 154, 134) }
```

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, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1699, 0.3727, 0.3561 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, 134) }
```

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

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