

Converting Colors

$Yxy(36.3288, 0.3912, 0.3768)$

Have a look what the booklet for
Yxy(36.3288, 0.3912, 0.3768)
contains.

Yxy(36.1789, 0.3910, 0.3758)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.1789, 0.3910, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	C49A77
RGB	196, 154, 119
RGB Percent	77%, 60%, 47%
CMY	0.2315, 0.3960, 0.5333
CMYK	0.00, 0.21, 0.39, 0.23
HSL	27°, 39%, 62%
HSV	27°, 39%, 77%
XYZ	37.6422, 36.1789, 22.4506
YIQ	162.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

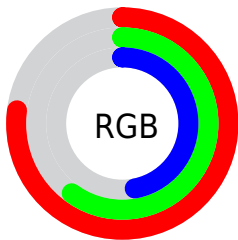
Format	Color
R _Y B	196, 183, 119
Decimal	12884599
CIE Lab	66.66, 10.91, 24.36
CIE LCh	67, 26.686, 65.880
Yxy	36.1789, 0.3910, 0.3758
Android (android.graphics.Color)	4291074679 (0xFFC49A77)
YUV	162.5680, -21.4790, 29.3199
Hunter-Lab	60.1489, 6.4478, 19.9743

Details

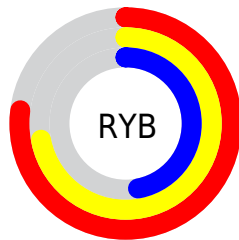
The Yxy color **36.1789, 0.3910, 0.3758** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3720, 0.2510, 0.2764**, and the grayscale version is **36.5015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1229, 0.3764, 0.3676**, and **15.8054, 0.4162, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **32.3873, 0.4174, 0.3874**, and if you desaturate by 10%, it is **40.3846, 0.3672, 0.3635**.

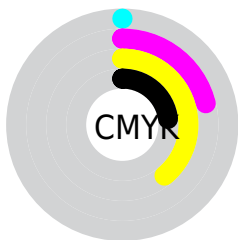
Distribution



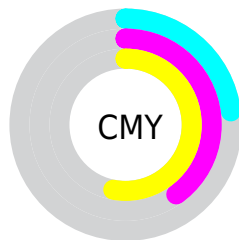
- Red (77%)
- Green (60%)
- Blue (47%)



- Red (77%)
- Yellow (72%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1789, 0.3910, 0.3758 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 36.1789, 0.3910, 0.3758 by changing the saturation by 10% instead.

 36.1789, 0.3910,
0.3758


 36.1789, 0.3910,
0.3758


329.7418, 0.3501,
0.3526


 24.5724, 0.4016,
0.3813


 69.3081, 0.3758,
0.3675

 15.7588, 0.4155,
0.3882


 91.5996, 0.3702,
0.3644

 9.3536, 0.4341,
0.3967


 118.2215, 0.3655,
0.3617

 4.9725, 0.4601,
0.4072

149.5583, 0.3615,
0.3594

 2.2312, 0.5112,
0.4300

185.9943, 0.3581,
0.3574

 0.7369, 0.5690,
0.4310

227.9140, 0.3551,

 0.0000, 0.0000,

0.3556

0.0000

275.7017, 0.3524,
0.3540

■ 36.1789, 0.3910,
0.3758

■ 36.1789, 0.3910,
0.3758

■ 32.3873, 0.4174,
0.3874

■ 40.3846, 0.3672,
0.3635

■ 28.9904, 0.4460,
0.3973

■ 45.0126, 0.3461,
0.3513

■ 25.9750, 0.4755,
0.4045


■ 50.0773, 0.3276,
0.3394


■ 23.3245, 0.5044,
0.4075


■ 55.5906, 0.3116,
0.3282

■ 21.0207, 0.5306,
0.4054

■ 61.5641, 0.2978,
0.3178

 19.0381, 0.5529,
0.3985

 68.0089, 0.2858,
0.3082

 18.9051, 0.5545,
0.3979

 74.8601, 0.2761,
0.3006

 80.9442, 0.2770,
0.3123

 87.3979, 0.2779,
0.3238

Harmonies

Analogous

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



36.1789, 0.3908, 0.3445



36.1789, 0.3910, 0.3758



36.1789, 0.3692, 0.3975

Triad

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



36.1789, 0.3910, 0.3758



36.1789, 0.2593, 0.3441



36.1789, 0.2887, 0.2670

Complementary

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



36.1789, 0.3910, 0.3758



33.3720, 0.2510, 0.2764

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.



36.1789, 0.2566, 0.2638



36.1789, 0.3910, 0.3758



36.1789, 0.2405, 0.3053

Square

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



36.1789, 0.3910, 0.3758



36.1789, 0.2927, 0.3808



36.1789, 0.2396, 0.2767



36.1789, 0.3295, 0.2843

Rectangle

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



36.1789, 0.3910, 0.3758



36.1789, 0.3460, 0.4022



36.1789, 0.2396, 0.2767



36.1789, 0.2766, 0.2643

Sweetspot

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



36.1806, 0.3910, 0.3758



88.0026, 0.3327, 0.3428



27.5079, 0.3559, 0.2734



18.5723, 0.3351, 0.3444



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.



36.1806, 0.3910, 0.3758



59.7077, 0.4132, 0.3857



50.8102, 0.3726, 0.4211



10.8161, 0.3278, 0.3395



12.3205, 0.5522, 0.3998



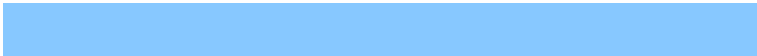
0.6699, 0.5151, 0.4292

Inverse Universe

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



33.3720, 0.2510, 0.2764



53.9037, 0.2380, 0.2627



22.0328, 0.2419, 0.2164



10.6370, 0.2984, 0.3183



9.4648, 0.1819, 0.1747



0.5453, 0.1923, 0.2123

Previews

White Background



This preview shows how the Yxy color 36.1789, 0.3910, 0.3758 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 36.1789, 0.3910, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

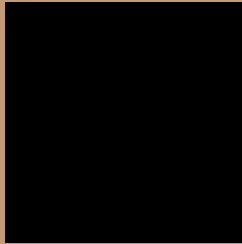
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1789, 0.3910, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 36.1789, 0.3910, 0.3758.



This preview shows how white text looks on a background with the Yxy color 36.1789, 0.3910, 0.3758.

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

36.1789, 0.3910, 0.3758

Protanopia

36.2694, 0.3605, 0.3851

Deuteranopia

36.3153, 0.3858, 0.3791



Tritanopia

36.3123, 0.3547, 0.3148

Trichromacy



Original Color

36.1789, 0.3910, 0.3758

Protanomaly

36.1465, 0.3710, 0.3810

Deuteranomaly

36.1121, 0.3874, 0.3776

Tritanomaly

36.3197, 0.3687, 0.3371

Monochromacy



Original Color

36.1789, 0.3910, 0.3758

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3622, 0.3395, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1789, 0.3910, 0.3758 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(196, 154, 119)` looks like.

```
.text, #text, p{  
    color:rgb(196, 154, 119)  
}
```

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(196, 154, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 154, 119) }
```

Border

The CSS property to change the border of an element to Yxy 36.1789, 0.3910, 0.3758 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(196, 154, 119) }
```

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

```
.border{ border-color:rgb(196, 154, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 154, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 154, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 154, 119);  
box-shadow:4px 4px 4px 4px rgb(196, 154,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1789, 0.3910, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 154, 119) }
```

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

```
.background{ background-color: rgb(196,  
154, 119) }
```

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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