

Converting Colors

$Y_{xy}(36.4840, 0.3595, 0.3717)$

Have a look what the booklet for
Yxy(36.4840, 0.3595, 0.3717)
contains.

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Color

Yxy(36.3370, 0.3598, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	B3A082
RGB	179, 160, 130
RGB Percent	70%, 63%, 51%
CMY	0.2980, 0.3725, 0.4901
CMYK	0.00, 0.11, 0.27, 0.30
HSL	37°, 24%, 61%
HSV	37°, 27%, 70%
XYZ	35.1926, 36.3370, 26.2820
YIQ	162.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

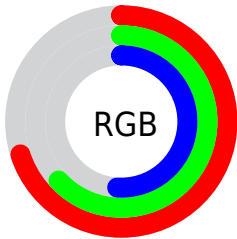
Format	Color
RYB	161, 179, 130
Decimal	11772034
CIELab	66.78, 2.24, 18.19
CIElCh	67, 18.329, 82.972
Yxy	36.3370, 0.3598, 0.3715
Android (android.graphics.Color)	4289962114 (0xFFB3A082)
YUV	162.2610, -15.9047, 14.6801
Hunter-Lab	60.2802, -1.2789, 16.3459

Details

The Yxy color $36.3370, 0.3598, 0.3715$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $29.5035, 0.2690, 0.2824$, and the grayscale version is $36.3303, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.6819, 0.3504, 0.3639$, and $15.9670, 0.3742, 0.3841$ is the 20% darker color. If you saturate the color by 10%, you get $33.5579, 0.3802, 0.3876$, and if you desaturate by 10%, it is $39.3376, 0.3410, 0.3555$.

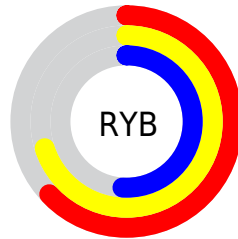
Distribution



Red (70%)

Green (63%)

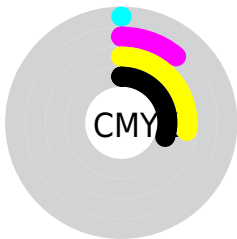
Blue (51%)



Red (63%)

Yellow (70%)

Blue (51%)

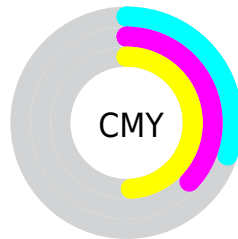


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (30%)



Cyan (30%)


Magenta (37%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.3370, 0.3598, 0.3715 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 36.3370, 0.3598, 0.3715 by changing the saturation by 10% instead.


 36.3370, 0.3598,
0.3715


 36.3370, 0.3598,
0.3715


330.4311, 0.3353,
0.3496

 24.6946, 0.3662,
0.3771


 69.5519, 0.3507,
0.3634

 15.8497, 0.3746,
0.3844


 91.8932, 0.3473,
0.3604

 9.4178, 0.3859,
0.3942


 118.5695, 0.3445,
0.3579

 5.0147, 0.4021,
0.4080

149.9653, 0.3421,
0.3557

 2.2559, 0.4278,
0.4293

186.4650, 0.3401,
0.3539

 0.7502, 0.5058,
0.4942

228.4529, 0.3383,

 0.0000, 0.0000,

0.3523

0.0000

276.3135, 0.3367,
0.3509

■ 36.3370, 0.3598,
0.3715

■ 36.3370, 0.3598,
0.3715

■ 33.5579, 0.3802,
0.3876

■ 39.3376, 0.3410,
0.3555

■ 30.9887, 0.4021,
0.4030

■ 42.5609, 0.3241,
0.3399

■ 28.6243, 0.4247,
0.4168

■ 46.0143, 0.3089,
0.3252

■ 26.4571, 0.4473,
0.4280

■ 49.7034, 0.2954,
0.3114

■ 24.4788, 0.4687,
0.4354

■ 53.6335, 0.2834,
0.2987

■ 22.6802, 0.4879,
0.4380

■ 57.8098, 0.2729,
0.2869

■ 21.0486, 0.5040,
0.4357

■ 62.2167, 0.2637,
0.2765

■ 20.6422, 0.5081,
0.4348

■ 65.6909, 0.2646,
0.2846

■ 69.3155, 0.2655,
0.2926

Harmonies

Analogous

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



36.3370, 0.3682, 0.3535



36.3370, 0.3598, 0.3715



36.3370, 0.3387, 0.3787

Triad

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



36.3370, 0.3598, 0.3715



36.3370, 0.2666, 0.3244



36.3370, 0.3123, 0.2912

Complementary

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



36.3370, 0.3598, 0.3715



29.5035, 0.2690, 0.2824

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.



36.3370, 0.2857, 0.2832



36.3370, 0.3598, 0.3715



36.3370, 0.2602, 0.3008

Square

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



36.3370, 0.3598, 0.3715



36.3370, 0.2850, 0.3508



36.3370, 0.2670, 0.2863



36.3370, 0.3401, 0.3082

Rectangle

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



36.3370, 0.3598, 0.3715



36.3370, 0.3206, 0.3754



36.3370, 0.2670, 0.2863



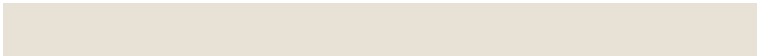
36.3370, 0.3029, 0.2874

Sweetspot

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



36.3387, 0.3598, 0.3715



75.7612, 0.3253, 0.3411



27.7429, 0.3478, 0.3011



16.5888, 0.3277, 0.3434



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.3387, 0.3598, 0.3715



61.9482, 0.3723, 0.3815



42.8672, 0.3487, 0.3972



9.3419, 0.3272, 0.3429



14.7142, 0.5067, 0.4358



0.5721, 0.4765, 0.4598

Inverse Universe

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



29.5035, 0.2690, 0.2824



47.6187, 0.2584, 0.2700



24.3673, 0.2706, 0.2526



8.7528, 0.2985, 0.3147



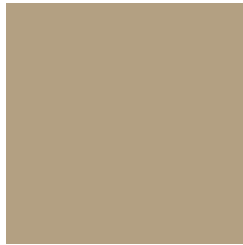
5.4647, 0.1682, 0.1253



0.2871, 0.1843, 0.1836

Previews

White Background



This preview shows how the Yxy color 36.3370, 0.3598, 0.3715 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 36.3370, 0.3598, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

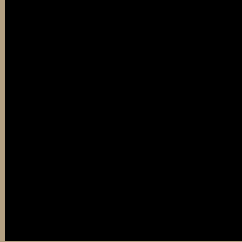
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3370, 0.3598, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 36.3370, 0.3598, 0.3715.



This preview shows how white text looks on a background with the Yxy color 36.3370, 0.3598, 0.3715.

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

36.3370, 0.3598, 0.3715

Protanopia

36.2500, 0.3510, 0.3739

Deuteranopia

36.2344, 0.3707, 0.3633



Tritanopia

36.3000, 0.3293, 0.3127

Trichromacy



Original Color

36.3370, 0.3598, 0.3715

Protanomaly

36.2424, 0.3544, 0.3721

Deuteranomaly

36.0669, 0.3662, 0.3652

Tritanomaly

36.3921, 0.3405, 0.3332

Monochromacy



Original Color

36.3370, 0.3598, 0.3715

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0166, 0.3295, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3370, 0.3598, 0.3715 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(179, 160, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 160, 130)  
}
```

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(179, 160, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 160, 130) }
```

Border

The CSS property to change the border of an element to Yxy 36.3370, 0.3598, 0.3715 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(179, 160, 130) }
```

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

```
.border{ border-color:rgb(179, 160, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 160, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 160, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 160, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 160,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3370, 0.3598, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 160, 130) }
```

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

```
.background{ background-color: rgb(179,  
160, 130) }
```

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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