

Converting Colors

$Yxy(37.1602, 0.3898, 0.3600)$

Have a look what the booklet for
Yxy(37.1602, 0.3898, 0.3600)
contains.

Yxy(37.2048, 0.3897, 0.3602)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.2048, 0.3897, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	CC9981
RGB	204, 153, 129
RGB Percent	80%, 60%, 51%
CMY	0.2001, 0.3999, 0.4941
CMYK	0.00, 0.25, 0.37, 0.20
HSL	19°, 42%, 65%
HSV	19°, 37%, 80%
XYZ	40.2518, 37.2048, 25.8326
YIQ	165.5130, 38.1000, 3.3480

Conversions

Conversions Part 2

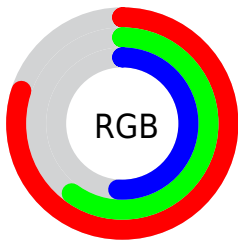
Format	Color
RYB	204, 164, 129
Decimal	13408641
CIE Lab	67.43, 15.87, 20.03
CIE LCh	67, 25.554, 51.622
Yxy	37.2048, 0.3897, 0.3602
Android (android.graphics.Color)	4291598721 (0xFFCC9981)
YUV	165.5130, -18.0009, 33.7531
Hunter-Lab	60.9957, 11.0518, 17.5868

Details

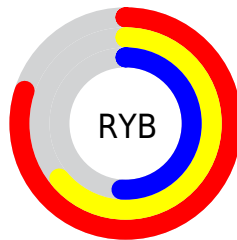
The Yxy color **37.2048, 0.3897, 0.3602** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6605, 0.2569, 0.2951**, and the grayscale version is **37.9615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2630, 0.3690, 0.3550**, and **16.3778, 0.4131, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **32.4378, 0.4192, 0.3686**, and if you desaturate by 10%, it is **42.6113, 0.3641, 0.3514**.

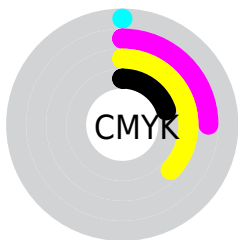
Distribution



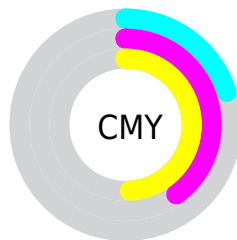
- Red (80%)
- Green (60%)
- Blue (51%)



- Red (80%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2048, 0.3897, 0.3602 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 37.2048, 0.3897, 0.3602 by changing the saturation by 10% instead.


 37.2048, 0.3897,
0.3602


 37.2048, 0.3897,
0.3602


334.1963, 0.3495,
0.3452

 25.3661, 0.4002,
0.3636


 70.8877, 0.3747,
0.3550

 16.3500, 0.4140,
0.3678


 93.5006, 0.3692,
0.3529

 9.7722, 0.4327,
0.3728


 120.4737, 0.3646,
0.3512

 5.2482, 0.4594,
0.3786

152.1915, 0.3606,
0.3497

 2.3936, 0.5015,
0.3857

189.0382, 0.3573,
0.3484

 0.8226, 0.5960,
0.4040

231.3984, 0.3543,

 0.0000, 1.0000,

0.3472

0.0000

279.6563, 0.3517,
0.3462

0.0000, 0.0000,
0.0000

37.2048, 0.3897,
0.3602

37.2048, 0.3897,
0.3602

32.4378, 0.4192,
0.3686

42.6113, 0.3641,
0.3514

28.2804, 0.4522,
0.3758

48.6749, 0.3422,
0.3427

24.7083, 0.4878,
0.3806


55.4194, 0.3236,
0.3343


21.6932, 0.5237,
0.3820


62.8655, 0.3079,
0.3265


19.2041, 0.5570,
0.3788

71.0331, 0.2946,
0.3194

 17.2053, 0.5843,
0.3708

 79.9413, 0.2834,
0.3128

 16.6500, 0.5923,
0.3679

 88.4788, 0.2824,
0.3238

 91.5744, 0.2827,
0.3289

Harmonies

Analogous

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



37.2048, 0.3788, 0.3289



37.2048, 0.3897, 0.3602



37.2048, 0.3785, 0.3861

Triad

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



37.2048, 0.3897, 0.3602



37.2048, 0.2757, 0.3610



37.2048, 0.2739, 0.2667

Complementary

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



37.2048, 0.3897, 0.3602



41.6605, 0.2569, 0.2951

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.



37.2048, 0.2496, 0.2709



37.2048, 0.3897, 0.3602



37.2048, 0.2505, 0.3235

Square

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



37.2048, 0.3897, 0.3602



37.2048, 0.3118, 0.3895



37.2048, 0.2413, 0.2907



37.2048, 0.3099, 0.2771

Rectangle

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



37.2048, 0.3897, 0.3602



37.2048, 0.3607, 0.3962



37.2048, 0.2413, 0.2907



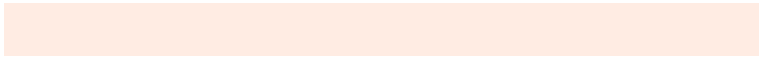
37.2048, 0.2642, 0.2664

Sweetspot

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



37.2066, 0.3897, 0.3602



86.7540, 0.3314, 0.3379



31.8434, 0.3413, 0.2650



18.2408, 0.3339, 0.3391



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.



37.2066, 0.3897, 0.3602



55.3656, 0.4124, 0.3668



51.3486, 0.3730, 0.4048



11.7902, 0.3282, 0.3365



10.6322, 0.5897, 0.3699



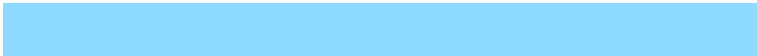
0.6858, 0.5510, 0.4007

Inverse Universe

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



41.6605, 0.2569, 0.2951



63.7460, 0.2459, 0.2865



28.5987, 0.2491, 0.2395



12.0978, 0.2983, 0.3214



14.4840, 0.1950, 0.2218



0.8805, 0.2015, 0.2452

Previews

White Background



This preview shows how the Yxy color 37.2048, 0.3897, 0.3602 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 37.2048, 0.3897, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

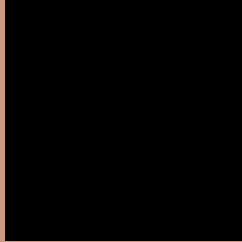
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2048, 0.3897, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 37.2048, 0.3897, 0.3602.



This preview shows how white text looks on a background with the Yxy color 37.2048, 0.3897, 0.3602.

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

37.2048, 0.3897, 0.3602

Protanopia

37.2708, 0.3496, 0.3719

Deuteranopia

37.3497, 0.3771, 0.3695



Tritanopia

37.2984, 0.3619, 0.3152

Trichromacy



Original Color

37.2048, 0.3897, 0.3602

Protanomaly

37.1218, 0.3641, 0.3678

Deuteranomaly

37.2058, 0.3821, 0.3663

Tritanomaly

37.1044, 0.3721, 0.3305

Monochromacy



Original Color

37.2048, 0.3897, 0.3602

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4929, 0.3386, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2048, 0.3897, 0.3602 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(204, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 129)  
}
```

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(204, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 129) }
```

Border

The CSS property to change the border of an element to Yxy 37.2048, 0.3897, 0.3602 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(204, 153, 129) }
```

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

```
.border{ border-color:rgb(204, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2048, 0.3897, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 129) }
```

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

```
.background{ background-color: rgb(204,  
153, 129) }
```

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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