

Converting Colors

$Yxy(37.2636, 0.3666, 0.3414)$

Have a look what the booklet for
Yxy(37.2636, 0.3666, 0.3414)
contains.

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Color

Yxy(37.1613, 0.3667, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	C69A91
RGB	198, 154, 145
RGB Percent	78%, 60%, 57%
CMY	0.2234, 0.3961, 0.4314
CMYK	0.00, 0.22, 0.27, 0.22
HSL	10°, 32%, 67%
HSV	10°, 27%, 78%
XYZ	39.9620, 37.1613, 31.8541
YIQ	166.1300, 29.1130, 6.5290

Conversions

Conversions Part 2

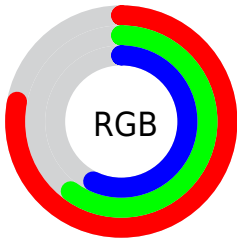
Format	Color
R _Y B	198, 156, 145
Decimal	13015697
CIE Lab	67.40, 15.10, 11.02
CIE LCh	67, 18.695, 36.118
Yxy	37.1613, 0.3667, 0.3410
Android (android.graphics.Color)	4291205777 (0xFFC69A91)
YUV	166.1300, -10.4171, 27.9500
Hunter-Lab	60.9601, 10.3345, 11.6906

Details

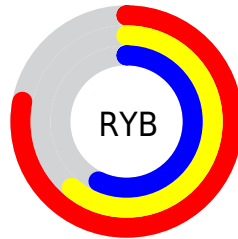
The Yxy color **37.1613, 0.3667, 0.3410** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5132, 0.2728, 0.3166**, and the grayscale version is **38.2420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9844, 0.3555, 0.3394**, and **16.3664, 0.3830, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **31.5427, 0.3950, 0.3457**, and if you desaturate by 10%, it is **43.6337, 0.3432, 0.3363**.

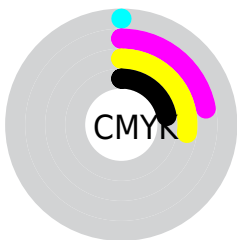
Distribution



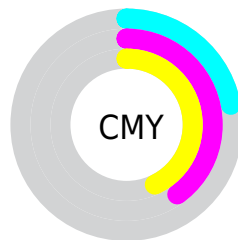
- Red (78%)
- Green (60%)
- Blue (57%)



- Red (78%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1613, 0.3667, 0.3410 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 37.1613, 0.3667, 0.3410 by changing the saturation by 10% instead.


 37.1613, 0.3667,
0.3410


 37.1613, 0.3667,
0.3410


334.0083, 0.3384,
0.3353

 25.3324, 0.3742,
0.3423


 70.8208, 0.3561,
0.3390

 16.3249, 0.3840,
0.3438


 93.4202, 0.3522,
0.3383

 9.7543, 0.3976,
0.3457


120.3785, 0.3490,
0.3376

 5.2364, 0.4173,
0.3478

152.0802, 0.3463,
0.3370

 2.3866, 0.4486,
0.3499

188.9096, 0.3439,
0.3365

 0.8190, 0.5577,
0.3853

231.2512, 0.3418,

 0.0000, 1.0000,

0.3361

0.0000

279.4893, 0.3400,
0.3357

0.0000, 0.0000,
0.0000

37.1613, 0.3667,
0.3410

37.1613, 0.3667,
0.3410

31.5427, 0.3950,
0.3457

43.6337, 0.3432,
0.3363

26.7371, 0.4285,
0.3501

50.9880, 0.3239,
0.3318

22.7081, 0.4669,
0.3537

59.2579, 0.3079,
0.3277

19.4145, 0.5088,
0.3556

68.4732, 0.2948,
0.3239

16.8113, 0.5510,
0.3550

78.6627, 0.2839,
0.3205

■ 14.8481, 0.5885,
0.3514

■ 89.2726, 0.2793,
0.3265

■ 13.4668, 0.6162,
0.3450

■ 90.7506, 0.2795,
0.3289

■ 13.1303, 0.6235,
0.3431

Harmonies

Analogous

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



37.1613, 0.3510, 0.3175



37.1613, 0.3667, 0.3410



37.1613, 0.3670, 0.3628

Triad

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



37.1613, 0.3667, 0.3410



37.1613, 0.2990, 0.3640



37.1613, 0.2734, 0.2829

Complementary

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



37.1613, 0.3667, 0.3410



46.5132, 0.2728, 0.3166

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.



37.1613, 0.2610, 0.2927



37.1613, 0.3667, 0.3410



37.1613, 0.2752, 0.3395

Square

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



37.1613, 0.3667, 0.3410



37.1613, 0.3271, 0.3779



37.1613, 0.2616, 0.3130



37.1613, 0.2965, 0.2849

Rectangle

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



37.1613, 0.3667, 0.3410



37.1613, 0.3586, 0.3734



37.1613, 0.2616, 0.3130



37.1613, 0.2679, 0.2849

Sweetspot

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



37.1630, 0.3667, 0.3410



88.4180, 0.3262, 0.3324



35.9440, 0.3241, 0.2733



18.4845, 0.3290, 0.3331



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.



37.1630, 0.3667, 0.3410



59.9322, 0.3822, 0.3437



46.8419, 0.3581, 0.3744



10.9227, 0.3285, 0.3330



8.6224, 0.6216, 0.3446



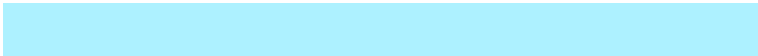
0.5011, 0.5845, 0.3741

Inverse Universe

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



46.5132, 0.2728, 0.3166



79.1595, 0.2650, 0.3136



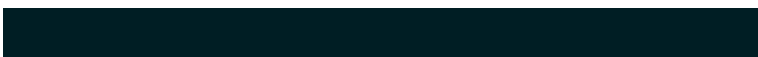
36.1789, 0.2692, 0.2790



11.7497, 0.2984, 0.3250



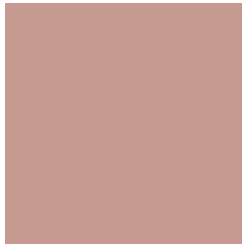
20.1289, 0.2096, 0.2745



1.0364, 0.2131, 0.2871

Previews

White Background



This preview shows how the Yxy color 37.1613, 0.3667, 0.3410 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 37.1613, 0.3667, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

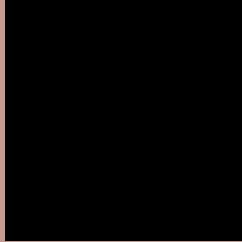
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1613, 0.3667, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 37.1613, 0.3667, 0.3410.



This preview shows how white text looks on a background with the Yxy color 37.1613, 0.3667, 0.3410.

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

37.1613, 0.3667, 0.3410

Protanopia

37.4109, 0.3319, 0.3490

Deuteranopia

37.1587, 0.3561, 0.3482



Tritanopia

37.0569, 0.3512, 0.3136

Trichromacy



Original Color

37.1613, 0.3667, 0.3410

Protanomaly

37.1035, 0.3445, 0.3458

Deuteranomaly

37.3340, 0.3605, 0.3466

Tritanomaly

36.9989, 0.3570, 0.3239

Monochromacy



Original Color

37.1613, 0.3667, 0.3410

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7743, 0.3318, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1613, 0.3667, 0.3410 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(198, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 145)  
}
```

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(198, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.1613, 0.3667, 0.3410 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(198, 154, 145) }
```

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

```
.border{ border-color:rgb(198, 154, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1613, 0.3667, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 145) }
```

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

```
.background{ background-color: rgb(198,  
154, 145) }
```

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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