

Converting Colors

$Yxy(36.6928, 0.3727, 0.3333)$

Have a look what the booklet for
Yxy(36.6928, 0.3727, 0.3333)
contains.

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Color

Yxy(36.7566, 0.3722, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	CC9693
RGB	204, 150, 147
RGB Percent	80%, 59%, 58%
CMY	0.1998, 0.4118, 0.4235
CMYK	0.00, 0.26, 0.28, 0.20
HSL	3°, 36%, 69%
HSV	3°, 28%, 80%
XYZ	41.0835, 36.7566, 32.5401
YIQ	165.8040, 33.1470, 10.5150

Conversions

Conversions Part 2

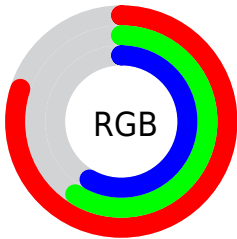
Format	Color
RYB	204, 150, 147
Decimal	13407891
CIELab	67.09, 19.88, 9.55
CIELCh	67, 22.058, 25.654
Yxy	36.7566, 0.3722, 0.3330
Android (android.graphics.Color)	4291597971 (0xFFCC9693)
YUV	165.8040, -9.2704, 33.4979
Hunter-Lab	60.6272, 14.8613, 10.6167

Details

The Yxy color **36.7566, 0.3722, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.3723, 0.2720, 0.3250**, and the grayscale version is **38.0694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6628, 0.3550, 0.3322**, and **16.1578, 0.3926, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **30.5024, 0.4034, 0.3345**, and if you desaturate by 10%, it is **44.1466, 0.3467, 0.3315**.

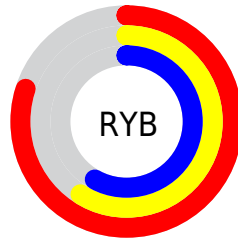
Distribution



Red (80%)

Green (59%)

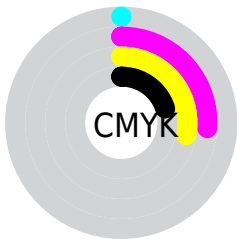
Blue (58%)



Red (80%)

Yellow (59%)

Blue (58%)

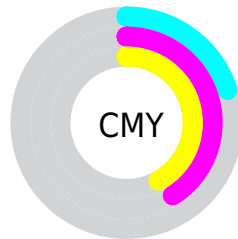


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7566, 0.3722, 0.3330 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 36.7566, 0.3722, 0.3330 by changing the saturation by 10% instead.


 36.7566, 0.3722,
0.3330


 36.7566, 0.3722,
0.3330


332.2555, 0.3410,
0.3316

 25.0191, 0.3805,
0.3332


 70.1983, 0.3605,
0.3326

 16.0913, 0.3914,
0.3332


 92.6712, 0.3562,
0.3324

 9.5888, 0.4064,
0.3330


119.4915, 0.3526,
0.3323

 5.1272, 0.4284,
0.3322

151.0434, 0.3496,
0.3321

 2.3221, 0.4633,
0.3296

187.7113, 0.3470,
0.3319

 0.7854, 0.5711,
0.3463

229.8797, 0.3447,

 0.0000, 1.0000,

0.3318


0.0000

277.9330, 0.3428,
0.3317


 0.0000, 0.0000,
0.0000


 36.7566, 0.3722,
0.3330


 36.7566, 0.3722,
0.3330


 30.5024, 0.4034,
0.3345


 44.1466, 0.3467,
0.3315


 25.3229, 0.4409,
0.3359


 52.7194, 0.3262,
0.3301


 21.1592, 0.4841,
0.3369

 62.5255, 0.3096,
0.3287

 17.9444, 0.5306,
0.3372

 73.6110, 0.2962,
0.3275

 15.6039, 0.5753,
0.3365

 86.0197, 0.2853,
0.3265

■ 14.0517, 0.6113,
0.3349

■ 91.5828, 0.2827,
0.3289

■ 13.1823, 0.6335,
0.3327

■ 13.0736, 0.6367,
0.3326

Harmonies

Analogous

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



36.7566, 0.3482, 0.3064



36.7566, 0.3722, 0.3330



36.7566, 0.3792, 0.3601

Triad

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



36.7566, 0.3722, 0.3330



36.7566, 0.3076, 0.3785



36.7566, 0.2597, 0.2771

Complementary

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



36.7566, 0.3722, 0.3330



52.3723, 0.2720, 0.3250

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.



36.7566, 0.2504, 0.2929



36.7566, 0.3722, 0.3330



36.7566, 0.2770, 0.3525

Square

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



36.7566, 0.3722, 0.3330



36.7566, 0.3408, 0.3888



36.7566, 0.2565, 0.3203



36.7566, 0.2828, 0.2750

Rectangle

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



36.7566, 0.3722, 0.3330



36.7566, 0.3732, 0.3752



36.7566, 0.2565, 0.3203



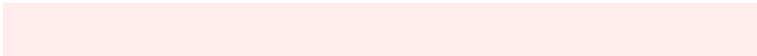
36.7566, 0.2550, 0.2809

Sweetspot

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



36.7583, 0.3722, 0.3330



87.0315, 0.3265, 0.3301



37.9417, 0.3186, 0.2632



18.1386, 0.3293, 0.3303



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.



36.7583, 0.3722, 0.3330



53.9140, 0.3918, 0.3340



46.9420, 0.3626, 0.3686



11.3058, 0.3289, 0.3303



8.2673, 0.6358, 0.3334



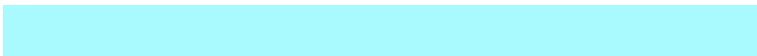
0.4601, 0.6217, 0.3445

Inverse Universe

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



52.3723, 0.2720, 0.3250



84.2518, 0.2637, 0.3239



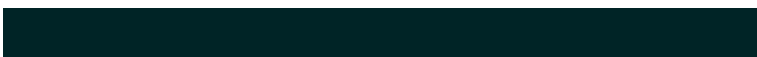
40.3297, 0.2681, 0.2858



12.6230, 0.2984, 0.3277



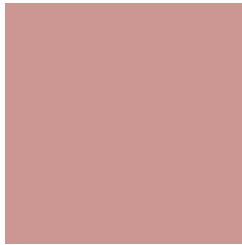
26.8990, 0.2202, 0.3128



1.4190, 0.2212, 0.3162

Previews

White Background



This preview shows how the Yxy color 36.7566, 0.3722, 0.3330 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 36.7566, 0.3722, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

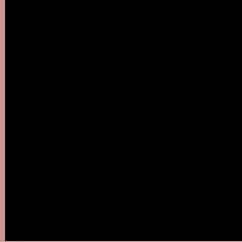
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7566, 0.3722, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 36.7566, 0.3722, 0.3330.



This preview shows how white text looks on a background with the Yxy color 36.7566, 0.3722, 0.3330.

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

36.7566, 0.3722, 0.3330

Protanopia

36.9625, 0.3265, 0.3419

Deuteranopia

36.9681, 0.3521, 0.3456



Tritanopia

36.6621, 0.3612, 0.3151

Trichromacy



Original Color

36.7566, 0.3722, 0.3330

Protanomaly

36.6332, 0.3431, 0.3388

Deuteranomaly

36.8555, 0.3602, 0.3412

Tritanomaly

36.8406, 0.3651, 0.3215

Monochromacy



Original Color

36.7566, 0.3722, 0.3330

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3481, 0.3331, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7566, 0.3722, 0.3330 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, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(204, 150, 147)  
}
```

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, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 147) }
```

Border

The CSS property to change the border of an element to Yxy 36.7566, 0.3722, 0.3330 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, 150, 147) }
```

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

```
.border{ border-color:rgb(204, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7566, 0.3722, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 150, 147) }
```

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

```
.background{ background-color: rgb(204,  
150, 147) }
```

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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