

Converting Colors

$Yxy(36.5269, 0.3695, 0.3428)$

Have a look what the booklet for
Yxy(36.5269, 0.3695, 0.3428)
contains.

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Color

Yxy(36.7412, 0.3701, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	C6998E
RGB	198, 153, 142
RGB Percent	78%, 60%, 56%
CMY	0.2235, 0.4000, 0.4432
CMYK	0.00, 0.23, 0.28, 0.22
HSL	12°, 33%, 67%
HSV	12°, 28%, 78%
XYZ	39.5633, 36.7412, 30.5945
YIQ	165.2010, 30.3510, 6.1190

Conversions

Conversions Part 2

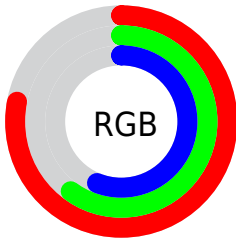
Format	Color
R _Y B	198, 156, 142
Decimal	13015438
CIE Lab	67.08, 15.21, 12.25
CIE LCh	67, 19.531, 38.843
Yxy	36.7412, 0.3701, 0.3437
Android (android.graphics.Color)	4291205518 (0xFFC6998E)
YUV	165.2010, -11.4381, 28.7647
Hunter-Lab	60.6145, 10.4322, 12.5042

Details

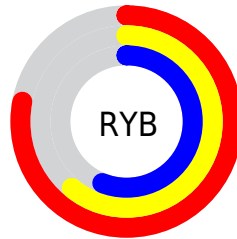
The Yxy color **36.7412, 0.3701, 0.3437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3675, 0.2705, 0.3137**, and the grayscale version is **37.7742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8712, 0.3582, 0.3405**, and **16.1151, 0.3881, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **31.3347, 0.3986, 0.3491**, and if you desaturate by 10%, it is **42.9511, 0.3462, 0.3383**.

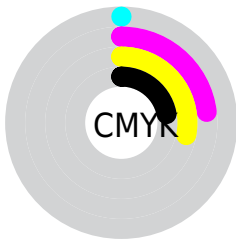
Distribution



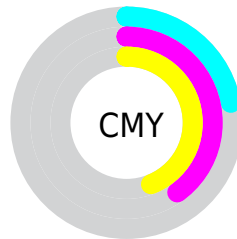
- Red (78%)
- Green (60%)
- Blue (56%)



- Red (78%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7412, 0.3701, 0.3437 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 36.7412, 0.3701, 0.3437 by changing the saturation by 10% instead.


 36.7412, 0.3701,
0.3437


 36.7412, 0.3701,
0.3437


332.1887, 0.3400,
0.3367

 25.0072, 0.3781,
0.3453


 70.1746, 0.3588,
0.3413

 16.0824, 0.3886,
0.3472


 92.6427, 0.3547,
0.3403

 9.5825, 0.4031,
0.3496


 119.4577, 0.3512,
0.3395

 5.1230, 0.4242,
0.3524

151.0039, 0.3483,
0.3388

 2.3196, 0.4576,
0.3552

187.6657, 0.3458,
0.3382

 0.7841, 0.5941,
0.4059

229.8275, 0.3436,

 0.0000, 1.0000,

0.3376

0.0000

277.8737, 0.3417,
0.3371

0.0000, 0.0000,
0.0000

36.7412, 0.3701,
0.3437

36.7412, 0.3701,
0.3437

31.3347, 0.3986,
0.3491

42.9511, 0.3462,
0.3383

26.6936, 0.4321,
0.3542

49.9903, 0.3265,
0.3331

22.7845, 0.4702,
0.3581

57.8897, 0.3101,
0.3282

19.5693, 0.5113,
0.3601

66.6771, 0.2966,
0.3237

17.0066, 0.5522,
0.3593

76.3792, 0.2854,
0.3197

■ 15.0503, 0.5882,
0.3550

■ 86.6424, 0.2789,
0.3220

■ 13.6447, 0.6150,
0.3478

■ 90.7468, 0.2794,
0.3289

■ 13.4525, 0.6190,
0.3467

Harmonies

Analogous

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



36.7412, 0.3550, 0.3190



36.7412, 0.3701, 0.3437



36.7412, 0.3689, 0.3661

Triad

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



36.7412, 0.3701, 0.3437



36.7412, 0.2957, 0.3638



36.7412, 0.2733, 0.2805

Complementary

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



36.7412, 0.3701, 0.3437



45.3675, 0.2705, 0.3137

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.



36.7412, 0.2592, 0.2895



36.7412, 0.3701, 0.3437



36.7412, 0.2716, 0.3374

Square

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



36.7412, 0.3701, 0.3437



36.7412, 0.3251, 0.3797



36.7412, 0.2586, 0.3099



36.7412, 0.2982, 0.2837

Rectangle

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



36.7412, 0.3701, 0.3437



36.7412, 0.3592, 0.3766



36.7412, 0.2586, 0.3099



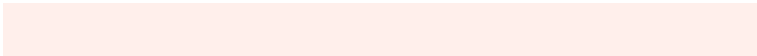
36.7412, 0.2672, 0.2821

Sweetspot

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



36.7429, 0.3701, 0.3437



88.7397, 0.3262, 0.3330



34.9703, 0.3258, 0.2712



18.5649, 0.3290, 0.3337



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.



36.7429, 0.3701, 0.3437



58.9391, 0.3873, 0.3471



46.7110, 0.3607, 0.3782



10.9689, 0.3285, 0.3336



8.8448, 0.6169, 0.3484



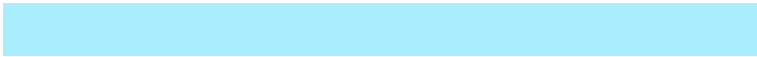
0.5220, 0.5773, 0.3799

Inverse Universe

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



45.3675, 0.2705, 0.3137



76.7030, 0.2619, 0.3099



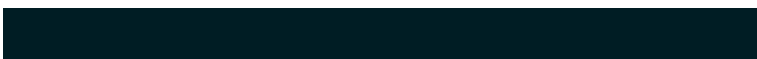
34.8761, 0.2664, 0.2743



11.6996, 0.2984, 0.3244



18.9172, 0.2070, 0.2653



0.9888, 0.2111, 0.2800

Previews

White Background



This preview shows how the Yxy color 36.7412, 0.3701, 0.3437 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 36.7412, 0.3701, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

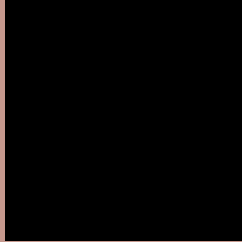
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7412, 0.3701, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 36.7412, 0.3701, 0.3437.



This preview shows how white text looks on a background with the Yxy color 36.7412, 0.3701, 0.3437.

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

36.7412, 0.3701, 0.3437

Protanopia

36.8470, 0.3338, 0.3521

Deuteranopia

36.6018, 0.3583, 0.3511



Tritanopia

36.7007, 0.3524, 0.3136

Trichromacy



Original Color

36.7412, 0.3701, 0.3437

Protanomaly

36.5439, 0.3467, 0.3487

Deuteranomaly

36.7764, 0.3628, 0.3494

Tritanomaly

36.6419, 0.3583, 0.3239

Monochromacy



Original Color

36.7412, 0.3701, 0.3437

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2712, 0.3319, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7412, 0.3701, 0.3437 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, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 142)  
}
```

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, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 142) }
```

Border

The CSS property to change the border of an element to Yxy 36.7412, 0.3701, 0.3437 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, 153, 142) }
```

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

```
.border{ border-color:rgb(198, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7412, 0.3701, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 142) }
```

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

```
.background{ background-color: rgb(198,  
153, 142) }
```

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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