

Converting Colors

$Yxy(34.8348, 0.3107, 0.3712)$

Have a look what the booklet for
Yxy(34.8348, 0.3107, 0.3712)
contains.

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Color

Yxy(34.7413, 0.3108, 0.3700)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8CA68C |
| RGB | 140, 166, 140 |
| RGB Percent | 55%, 65%, 55% |
| CMY | 0.4510, 0.3490, 0.4510 |
| CMYK | 0.16, 0.00, 0.16, 0.35 |
| HSL | 120°, 13%, 60% |
| HSV | 120°, 16%, 65% |
| XYZ | 29.1827, 34.7413, 29.9714 |
| YIQ | 155.2620, -7.1500, -13.5980 |

Conversions

Conversions Part 2

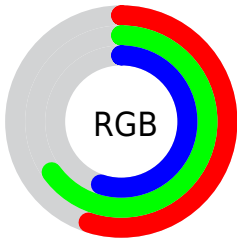
| Format | Color |
|-------------------------------------|---|
| RYB | 140, 166, 166 |
| Decimal | 9217676 |
| CIELab | 65.55, -14.18, 10.50 |
| CIELCh | 66, 17.645, 143.492 |
| Yxy | 34.7413, 0.3108, 0.3700 |
| Android (android.graphics.Color) | 4287407756 (0xFF8CA68C) |
| YUV | 155.2620, -7.5242, -13.3848 |
| Hunter-Lab | 58.9418, -14.7708, 11.1107 |

Details

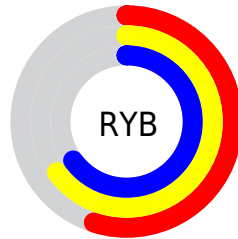
The Yxy color **34.7413, 0.3108, 0.3700** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.6115, 0.3145, 0.2911**, and the grayscale version is **32.9362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0773, 0.3112, 0.3609**, and **14.9465, 0.3101, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **32.9550, 0.3094, 0.4004**, and if you desaturate by 10%, it is **36.8219, 0.3121, 0.3429**.

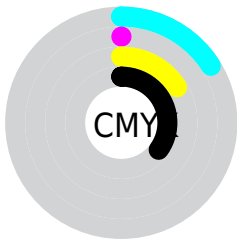
Distribution



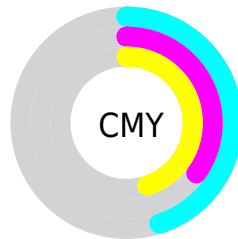
- Red (55%)
- Green (65%)
- Blue (55%)



- Red (55%)
- Yellow (65%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)




- Cyan (45%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7413, 0.3108, 0.3700 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 34.7413, 0.3108, 0.3700 by changing the saturation by 10% instead.


 34.7413, 0.3108,
0.3700


 34.7413, 0.3108,
0.3700


323.4250, 0.3121,
0.3480


 23.4637, 0.3104,
0.3761

 67.0848, 0.3113,
0.3616

 14.9362, 0.3097,
0.3842


 88.9195, 0.3115,
0.3586

 8.7747, 0.3086,
0.3958


 115.0419, 0.3117,
0.3560

 4.5945, 0.3068,
0.4134

145.8366, 0.3118,
0.3539

 2.0114, 0.3029,
0.4434

181.6878, 0.3119,
0.3521

 0.6141, 0.2788,
0.7212

222.9800, 0.3119,

 0.0000, 0.0000,

0.3505

0.0000

270.0976, 0.3120,
0.3492

■ 34.7413, 0.3108,
0.3700

■ 34.7413, 0.3108,
0.3700

■ 32.9550, 0.3094,
0.4004

■ 36.8219, 0.3121,
0.3429

■ 31.4455, 0.3078,
0.4337

■ 39.2045, 0.3132,
0.3191

■ 30.2004, 0.3062,
0.4687

■ 41.9020, 0.3141,
0.2986

■ 29.2043, 0.3045,
0.5038

■ 44.9255, 0.3150,
0.2809

■ 28.4406, 0.3030,
0.5365

■ 48.2852, 0.3157,
0.2657

■ 27.8905, 0.3017,
0.5640

■ 51.9910, 0.3163,
0.2526

■ 27.5322, 0.3008,
0.5842

■ 55.7552, 0.3168,
0.2422

■ 27.3375, 0.3002,
0.5961

■ 27.2755, 0.3000,
0.6000

Harmonies

Analogous

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



34.7413, 0.3377, 0.3775



34.7413, 0.3108, 0.3700



34.7413, 0.2852, 0.3499

Triad

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



34.7413, 0.3108, 0.3700



34.7413, 0.2682, 0.2871



34.7413, 0.3601, 0.3310

Complementary

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



34.7413, 0.3108, 0.3700



29.6115, 0.3145, 0.2911

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.



34.7413, 0.3399, 0.3090



34.7413, 0.3108, 0.3700



34.7413, 0.2867, 0.2842

Square

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



34.7413, 0.3108, 0.3700



34.7413, 0.2614, 0.3012



34.7413, 0.3128, 0.2923



34.7413, 0.3669, 0.3534

Rectangle

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



34.7413, 0.3108, 0.3700



34.7413, 0.2722, 0.3327



34.7413, 0.3128, 0.2923



34.7413, 0.3546, 0.3234

Sweetspot

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



34.7428, 0.3108, 0.3700



67.0587, 0.3121, 0.3414



37.1185, 0.3358, 0.3664



14.9451, 0.3121, 0.3431



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.7428, 0.3108, 0.3700



61.7957, 0.3103, 0.3808



35.1346, 0.3003, 0.3498



8.4079, 0.3116, 0.3523



21.1487, 0.3000, 0.6000



0.5146, 0.3000, 0.6000

Inverse Universe

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



29.6115, 0.3145, 0.2911



50.5895, 0.3149, 0.2821



29.1731, 0.3273, 0.3091



7.6665, 0.3138, 0.3067



8.4172, 0.3208, 0.1541



0.2048, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 34.7413, 0.3108, 0.3700 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 34.7413, 0.3108, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

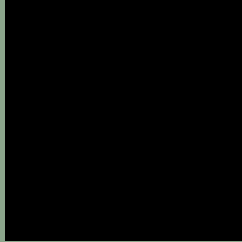
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7413, 0.3108, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 34.7413, 0.3108, 0.3700.



This preview shows how white text looks on a background with the Yxy color 34.7413, 0.3108, 0.3700.

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

34.7413, 0.3108, 0.3700

Protanopia

34.4468, 0.3422, 0.3615

Deuteranopia

34.4689, 0.3502, 0.3432



Tritanopia

34.6567, 0.2880, 0.3096

Trichromacy



Original Color

34.7413, 0.3108, 0.3700

Protanomaly

34.4640, 0.3305, 0.3655

Deuteranomaly

34.4060, 0.3345, 0.3527

Tritanomaly

34.7323, 0.2961, 0.3305

Monochromacy



Original Color

34.7413, 0.3108, 0.3700

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.4823, 0.3121, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7413, 0.3108, 0.3700 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(140, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 140)  
}
```

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(140, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 140) }
```

Border

The CSS property to change the border of an element to Yxy 34.7413, 0.3108, 0.3700 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(140, 166, 140) }
```

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

```
.border{ border-color:rgb(140, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7413, 0.3108, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 140) }
```

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

```
.background{ background-color: rgb(140,  
166, 140) }
```

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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