

Converting Colors

$Yxy(35.8313, 0.3413, 0.3263)$

Have a look what the booklet for
Yxy(35.8313, 0.3413, 0.3263)
contains.

Yxy(35.7018, 0.3412, 0.3263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.7018, 0.3412, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B89A9C
RGB	184, 154, 156
RGB Percent	72%, 60%, 61%
CMY	0.2783, 0.3961, 0.3882
CMYK	0.00, 0.16, 0.15, 0.28
HSL	356°, 17%, 66%
HSV	356°, 16%, 72%
XYZ	37.3321, 35.7018, 36.3802
YIQ	163.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

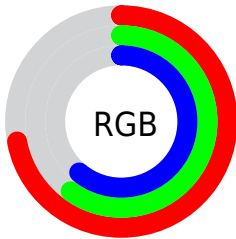
Format	Color
RYB	184, 154, 156
Decimal	12098204
CIELab	66.29, 11.47, 3.10
CIElCh	66, 11.879, 15.129
Yxy	35.7018, 0.3412, 0.3263
Android (android.graphics.Color)	4290288284 (0xFFB89A9C)
YUV	163.1980, -3.5486, 18.2434
Hunter-Lab	59.7510, 6.9615, 5.7262

Details

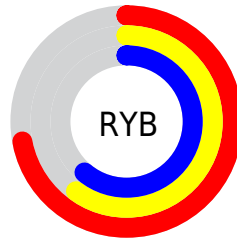
The Yxy color **35.7018, 0.3412, 0.3263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5468, 0.2898, 0.3317**, and the grayscale version is **36.7380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2902, 0.3357, 0.3269**, and **15.5457, 0.3507, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **29.5463, 0.3644, 0.3245**, and if you desaturate by 10%, it is **42.8741, 0.3226, 0.3280**.

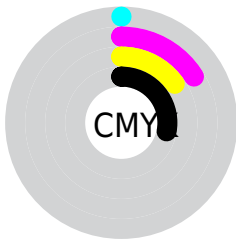
Distribution



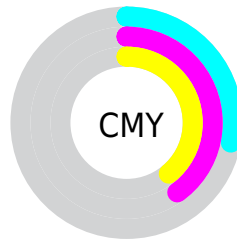
- Red (72%)
- Green (60%)
- Blue (61%)



- Red (72%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7018, 0.3412, 0.3263 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 35.7018, 0.3412, 0.3263 by changing the saturation by 10% instead.


 35.7018, 0.3412,
0.3263


 35.7018, 0.3412,
0.3263


327.6553, 0.3263,
0.3278

 24.2040, 0.3452,
0.3259


 68.5716, 0.3356,
0.3269

 15.4850, 0.3504,
0.3252


 90.7123, 0.3335,
0.3271

 9.1605, 0.3577,
0.3243


117.1694, 0.3318,
0.3273

 4.8460, 0.3685,
0.3229

148.3274, 0.3304,
0.3274

 2.1572, 0.3860,
0.3203

184.5706, 0.3291,
0.3276

 0.6965, 0.4331,
0.3189


226.2833, 0.3280,


 0.0000, 0.0000,

0.3277

0.0000


273.8501, 0.3271,
0.3278


 35.7018, 0.3412,
0.3263

 35.7018, 0.3412,
0.3263


 29.5463, 0.3644,
0.3245


 42.8741, 0.3226,
0.3280


 24.3572, 0.3930,
0.3228


 51.1012, 0.3076,
0.3296


 20.0866, 0.4277,
0.3212

 60.4250, 0.2955,
0.3310

 16.6812, 0.4684,
0.3201

 70.8839, 0.2858,
0.3323

 14.0818, 0.5134,
0.3197

 82.5142, 0.2778,
0.3335

■ 12.2219, 0.5587,
0.3205

■ 88.9359, 0.2721,
0.3289

■ 11.0243, 0.5982,
0.3226

■ 10.3884, 0.6257,
0.3256

■ 10.2235, 0.6329,
0.3260

Harmonies

Analogous

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



35.7018, 0.3262, 0.3119



35.7018, 0.3412, 0.3263



35.7018, 0.3484, 0.3418

Triad

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



35.7018, 0.3412, 0.3263



35.7018, 0.3168, 0.3582



35.7018, 0.2805, 0.3029

Complementary

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



35.7018, 0.3412, 0.3263



44.5468, 0.2898, 0.3317

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.



35.7018, 0.2783, 0.3146



35.7018, 0.3412, 0.3263



35.7018, 0.2989, 0.3471

Square

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



35.7018, 0.3412, 0.3263



35.7018, 0.3340, 0.3608



35.7018, 0.2849, 0.3308



35.7018, 0.2912, 0.2985

Rectangle

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



35.7018, 0.3412, 0.3263



35.7018, 0.3478, 0.3508



35.7018, 0.2849, 0.3308



35.7018, 0.2788, 0.3061

Sweetspot

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



35.7034, 0.3412, 0.3263



79.4334, 0.3205, 0.3282



36.4586, 0.3122, 0.2889



16.9121, 0.3217, 0.3281



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.7034, 0.3412, 0.3263



60.0063, 0.3499, 0.3256



39.9872, 0.3405, 0.3461



9.0218, 0.3277, 0.3275



7.0461, 0.6314, 0.3252



0.2517, 0.5988, 0.3072

Inverse Universe

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



35.7034, 0.3412, 0.3263



60.0063, 0.3499, 0.3256



39.6543, 0.2876, 0.3113



9.0218, 0.3277, 0.3275



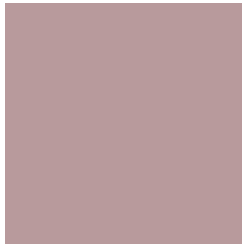
7.0461, 0.6314, 0.3252



0.2517, 0.5988, 0.3072

Previews

White Background



This preview shows how the Yxy color 35.7018, 0.3412, 0.3263 looks on a white background.

Color Contrast Check

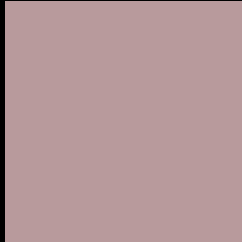
Large Text (above 18pt) WCAG AA × Fail

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 35.7018, 0.3412, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

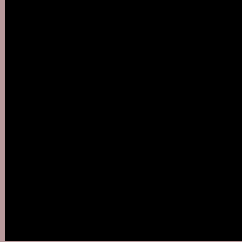
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7018, 0.3412, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 35.7018, 0.3412, 0.3263.



This preview shows how white text looks on a background with the Yxy color 35.7018, 0.3412, 0.3263.

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

35.7018, 0.3412, 0.3263

Protanopia

35.9203, 0.3165, 0.3305

Deuteranopia

35.7609, 0.3357, 0.3291



Tritanopia

35.8134, 0.3335, 0.3128

Trichromacy



Original Color

35.7018, 0.3412, 0.3263

Protanomaly

35.6148, 0.3245, 0.3276

Deuteranomaly

35.6667, 0.3379, 0.3277

Tritanomaly

35.7054, 0.3365, 0.3168

Monochromacy



Original Color

35.7018, 0.3412, 0.3263

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3376, 0.3234, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7018, 0.3412, 0.3263 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(184, 154, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 156)  
}
```

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(184, 154, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.7018, 0.3412, 0.3263 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(184, 154, 156) }
```

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

```
.border{ border-color:rgb(184, 154, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7018, 0.3412, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 156) }
```

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

```
.background{ background-color: rgb(184,  
154, 156) }
```

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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