

Converting Colors

$Yxy(32.7145, 0.3429, 0.3259)$

Have a look what the booklet for
Yxy(32.7145, 0.3429, 0.3259)
contains.

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Color

Yxy(32.8468, 0.3422, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	B29496
RGB	178, 148, 150
RGB Percent	70%, 58%, 59%
CMY	0.3019, 0.4196, 0.4116
CMYK	0.00, 0.17, 0.16, 0.30
HSL	356°, 16%, 64%
HSV	356°, 17%, 70%
XYZ	34.4579, 32.8468, 33.3906
YIQ	157.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

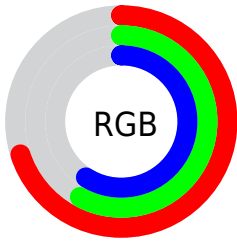
Format	Color
RYB	178, 148, 150
Decimal	11703446
CIELab	64.04, 11.54, 3.12
CIELCh	64, 11.952, 15.149
Yxy	32.8468, 0.3422, 0.3262
Android (android.graphics.Color)	4289893526 (0xFFB29496)
YUV	157.1980, -3.5486, 18.2434
Hunter-Lab	57.3121, 7.0238, 5.5756

Details

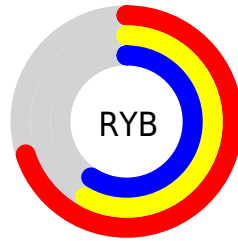
The Yxy color **32.8468, 0.3422, 0.3262** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2728, 0.2892, 0.3318**, and the grayscale version is **33.8228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0931, 0.3364, 0.3269**, and **13.8102, 0.3528, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **27.1894, 0.3655, 0.3244**, and if you desaturate by 10%, it is **39.4417, 0.3234, 0.3279**.

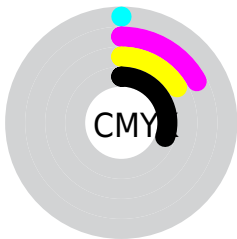
Distribution



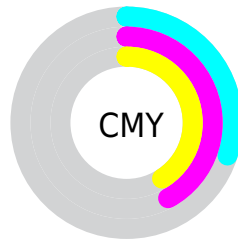
- Red (70%)
- Green (58%)
- Blue (59%)



- Red (70%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8468, 0.3422, 0.3262 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 32.8468, 0.3422, 0.3262 by changing the saturation by 10% instead.


 32.8468, 0.3422,
0.3262

 32.8468, 0.3422,
0.3262


314.9588, 0.3265,
0.3278

 22.0091, 0.3465,
0.3257


 64.1363, 0.3363,
0.3268

 13.8636, 0.3521,
0.3250


 85.3568, 0.3341,
0.3271

 8.0259, 0.3601,
0.3240


110.8072, 0.3323,
0.3273

 4.1115, 0.3721,
0.3224

140.8716, 0.3308,
0.3274

 1.7361, 0.3921,
0.3194

175.9346, 0.3295,
0.3275

 0.4469, 0.4969,
0.3144


216.3806, 0.3284,


 0.0000, 0.0000,


0.3276

0.0000

262.5939, 0.3274,
0.3277


 32.8468, 0.3422,
0.3262


 32.8468, 0.3422,
0.3262


 27.1894, 0.3655,
0.3244

 39.4417, 0.3234,
0.3279


 22.4227, 0.3943,
0.3227


 47.0091, 0.3083,
0.3295


 18.5026, 0.4292,
0.3211

 55.5879, 0.2962,
0.3309

 15.3797, 0.4700,
0.3200

 65.2134, 0.2863,
0.3322

 12.9991, 0.5150,
0.3197

 75.9192, 0.2783,
0.3334

■ 11.2994, 0.5601,
0.3205

■ 87.7374, 0.2717,
0.3345

■ 10.2090, 0.5992,
0.3226

■ 88.2057, 0.2691,
0.3289

■ 9.6285, 0.6263,
0.3255

■ 9.4924, 0.6326,
0.3259

Harmonies

Analogous

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



32.8468, 0.3266, 0.3113



32.8468, 0.3422, 0.3262



32.8468, 0.3497, 0.3422

Triad

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



32.8468, 0.3422, 0.3262



32.8468, 0.3169, 0.3593



32.8468, 0.2795, 0.3020

Complementary

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



32.8468, 0.3422, 0.3262



41.2728, 0.2892, 0.3318

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.



32.8468, 0.2771, 0.3140



32.8468, 0.3422, 0.3262



32.8468, 0.2984, 0.3477

Square

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



32.8468, 0.3422, 0.3262



32.8468, 0.3348, 0.3619



32.8468, 0.2839, 0.3308



32.8468, 0.2905, 0.2975

Rectangle

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



32.8468, 0.3422, 0.3262



32.8468, 0.3490, 0.3516



32.8468, 0.2839, 0.3308



32.8468, 0.2777, 0.3053

Sweetspot

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



32.8483, 0.3422, 0.3262



73.8187, 0.3205, 0.3282



33.5668, 0.3122, 0.2877



16.1532, 0.3216, 0.3281



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.8483, 0.3422, 0.3262



55.7951, 0.3498, 0.3256



36.9199, 0.3414, 0.3466



8.5143, 0.3277, 0.3275



6.7950, 0.6312, 0.3251



0.2169, 0.5965, 0.3060

Inverse Universe

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



32.8483, 0.3422, 0.3262



55.7951, 0.3498, 0.3256



36.6027, 0.2869, 0.3107



8.5143, 0.3277, 0.3275



6.7950, 0.6312, 0.3251



0.2169, 0.5965, 0.3060

Previews

White Background



This preview shows how the Yxy color 32.8468, 0.3422, 0.3262 looks on a white background.

Color Contrast Check

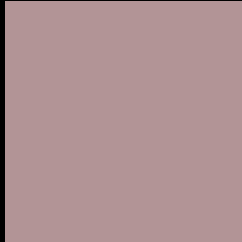
Large Text (above 18pt) WCAG AA × Fail

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 32.8468, 0.3422, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

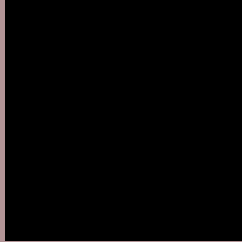
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8468, 0.3422, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 32.8468, 0.3422, 0.3262.



This preview shows how white text looks on a background with the Yxy color 32.8468, 0.3422, 0.3262.

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

32.8468, 0.3422, 0.3262

Protanopia

33.0449, 0.3166, 0.3305

Deuteranopia

32.7854, 0.3355, 0.3291



Tritanopia

32.9198, 0.3353, 0.3136

Trichromacy



Original Color

32.8468, 0.3422, 0.3262

Protanomaly

32.7557, 0.3250, 0.3276

Deuteranomaly

32.6956, 0.3378, 0.3276

Tritanomaly

32.8177, 0.3384, 0.3178

Monochromacy



Original Color

32.8468, 0.3422, 0.3262

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4436, 0.3237, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8468, 0.3422, 0.3262 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(178, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(178, 148, 150)  
}
```

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(178, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 148, 150) }
```

Border

The CSS property to change the border of an element to Yxy 32.8468, 0.3422, 0.3262 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(178, 148, 150) }
```

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

```
.border{ border-color:rgb(178, 148, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 148, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(178, 148,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8468, 0.3422, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 148, 150) }
```

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

```
.background{ background-color: rgb(178,  
148, 150) }
```

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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