

Converting Colors

$Yxy(32.0981, 0.3468, 0.3291)$

Have a look what the booklet for
Yxy(32.0981, 0.3468, 0.3291)
contains.

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Color

Yxy(32.0981, 0.3468, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	B29292
RGB	178, 146, 146
RGB Percent	70%, 57%, 57%
CMY	0.3020, 0.4274, 0.4274
CMYK	0.00, 0.18, 0.18, 0.30
HSL	0°, 17%, 64%
HSV	0°, 18%, 70%
XYZ	33.8244, 32.0981, 31.6104
YIQ	155.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

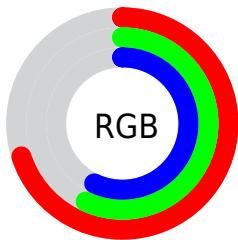
Format	Color
R_{YB}	178, 146, 146
Decimal	11702930
CIE _{Lab}	63.42, 11.98, 4.51
CIE _{LCh}	63, 12.800, 20.620
Yxy	32.0981, 0.3468, 0.3291
Android (android.graphics.Color)	4289893010 (0xFFB29292)
YUV	155.5680, -4.7170, 19.6729
Hunter-Lab	56.6552, 7.4220, 6.5781

Details

The Yxy color **32.0981, 0.3468, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1578, 0.2861, 0.3289**, and the grayscale version is **33.0586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9711, 0.3397, 0.3291**, and **13.3889, 0.3582, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **26.5210, 0.3725, 0.3292**, and if you desaturate by 10%, it is **38.6185, 0.3262, 0.3290**.

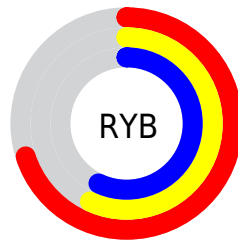
Distribution



Red (70%)

Green (57%)

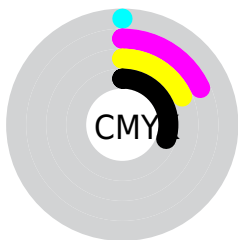
Blue (57%)



Red (70%)

Yellow (57%)

Blue (57%)

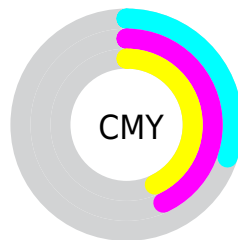


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0981, 0.3468, 0.3291 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 32.0981, 0.3468, 0.3291 by changing the saturation by 10% instead.


 32.0981, 0.3468,
0.3291


 32.0981, 0.3468,
0.3291


311.5659, 0.3286,
0.3292

 21.4364, 0.3518,
0.3290


 62.9648, 0.3399,
0.3292

 13.4434, 0.3584,
0.3288


 83.9387, 0.3374,
0.3292

 7.7346, 0.3678,
0.3284


109.1188, 0.3353,
0.3292

 3.9256, 0.3820,
0.3276

138.8895, 0.3335,
0.3293

 1.6320, 0.4059,
0.3258

173.6351, 0.3320,
0.3293

 0.3790, 0.5780,
0.3356


213.7401, 0.3307,


 0.0000, 0.0000,


0.3293


0.0000


259.5889, 0.3296,
0.3293


 32.0981, 0.3468,
0.3291


 32.0981, 0.3468,
0.3291


 26.5210, 0.3725,
0.3292

 38.6185, 0.3262,
0.3290


 21.8396, 0.4043,
0.3293


 46.1184, 0.3096,
0.3290

 18.0083, 0.4426,
0.3294

 54.6374, 0.2964,
0.3290

 14.9763, 0.4868,
0.3295

 64.2117, 0.2857,
0.3289

 12.6871, 0.5342,
0.3297

 74.8757, 0.2770,
0.3289

■ 11.0767, 0.5794,
0.3298

■ 86.6623, 0.2699,
0.3289

■ 10.0707, 0.6149,
0.3299

■ 88.2027, 0.2691,
0.3289

■ 9.5495, 0.6363,
0.3300

■ 9.4629, 0.6401,
0.3300

Harmonies

Analogous

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



32.0981, 0.3312, 0.3126



32.0981, 0.3468, 0.3291



32.0981, 0.3529, 0.3461

Triad

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



32.0981, 0.3468, 0.3291



32.0981, 0.3135, 0.3601



32.0981, 0.2784, 0.2983

Complementary

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



32.0981, 0.3468, 0.3291



41.1578, 0.2861, 0.3289

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.



32.0981, 0.2741, 0.3099



32.0981, 0.3468, 0.3291



32.0981, 0.2939, 0.3461

Square

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



32.0981, 0.3468, 0.3291



32.0981, 0.3333, 0.3649



32.0981, 0.2797, 0.3274



32.0981, 0.2917, 0.2951

Rectangle

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



32.0981, 0.3468, 0.3291



32.0981, 0.3508, 0.3557



32.0981, 0.2797, 0.3274



32.0981, 0.2759, 0.3013

Sweetspot

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



32.0996, 0.3468, 0.3291



73.7772, 0.3210, 0.3290



33.2370, 0.3148, 0.2853



16.1428, 0.3222, 0.3290



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.



32.0996, 0.3468, 0.3291



53.5487, 0.3575, 0.3291



37.3772, 0.3429, 0.3515



8.5053, 0.3287, 0.3291



6.7725, 0.6401, 0.3300



0.2131, 0.6400, 0.3300

Inverse Universe

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



41.1578, 0.2861, 0.3289



73.3926, 0.2801, 0.3289



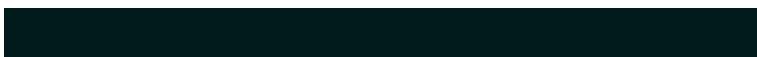
35.1644, 0.2849, 0.3054



9.6315, 0.2986, 0.3290



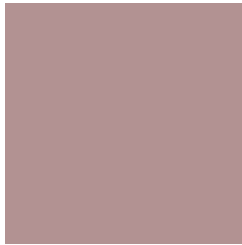
25.0798, 0.2247, 0.3287



0.7891, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 32.0981, 0.3468, 0.3291 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 32.0981, 0.3468, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

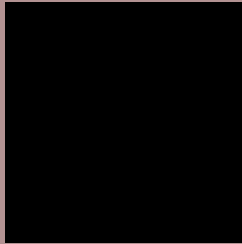
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0981, 0.3468, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 32.0981, 0.3468, 0.3291.



This preview shows how white text looks on a background with the Yxy color 32.0981, 0.3468, 0.3291.

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

32.0981, 0.3468, 0.3291

Protanopia

32.1526, 0.3195, 0.3336

Deuteranopia

32.3409, 0.3397, 0.3334



Tritanopia

32.2348, 0.3377, 0.3136

Trichromacy



Original Color

32.0981, 0.3468, 0.3291

Protanomaly

31.9820, 0.3292, 0.3305

Deuteranomaly

32.2538, 0.3421, 0.3320

Tritanomaly

32.1015, 0.3419, 0.3192

Monochromacy



Original Color

32.0981, 0.3468, 0.3291

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6160, 0.3249, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0981, 0.3468, 0.3291 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, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 146, 146)  
}
```

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, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 146, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.0981, 0.3468, 0.3291 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, 146, 146) }
```

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

```
.border{ border-color:rgb(178, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 146,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0981, 0.3468, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 146, 146) }
```

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

```
.background{ background-color: rgb(178,  
146, 146) }
```

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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