

Converting Colors

$Yxy(32.4846, 0.3729, 0.3225)$

Have a look what the booklet for
Yxy(32.4846, 0.3729, 0.3225)
contains.

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Color

Yxy(32.4846, 0.3729, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C68B90
RGB	198, 139, 144
RGB Percent	78%, 55%, 56%
CMY	0.2234, 0.4549, 0.4352
CMYK	0.00, 0.30, 0.27, 0.22
HSL	355°, 34%, 66%
HSV	355°, 30%, 78%
XYZ	37.5613, 32.4846, 30.6816
YIQ	157.2110, 33.5590, 14.0630

Conversions

Conversions Part 2

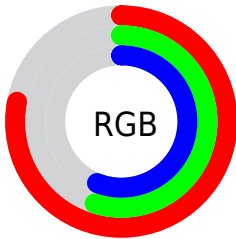
Format	Color
R _Y B	198, 139, 144
Decimal	13011856
CIE Lab	63.74, 23.21, 6.37
CIE LCh	64, 24.064, 15.338
Yxy	32.4846, 0.3729, 0.3225
Android (android.graphics.Color)	4291201936 (0xFFC68B90)
YUV	157.2110, -6.5130, 35.7720
Hunter-Lab	56.9953, 17.8941, 7.9798

Details

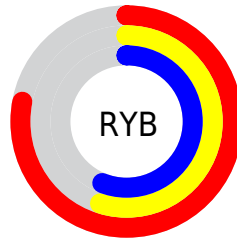
The Yxy color **32.4846, 0.3729, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7387, 0.2732, 0.3358**, and the grayscale version is **33.8368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4771, 0.3598, 0.3240**, and **13.6272, 0.3934, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **26.7517, 0.4032, 0.3203**, and if you desaturate by 10%, it is **39.3481, 0.3482, 0.3248**.

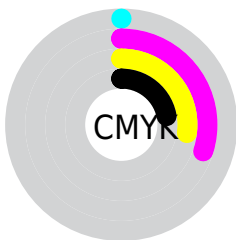
Distribution



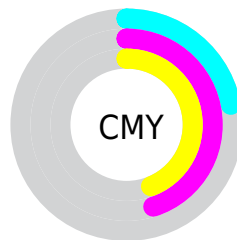
- Red (78%)
- Green (55%)
- Blue (56%)



- Red (78%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4846, 0.3729, 0.3225 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 32.4846, 0.3729, 0.3225 by changing the saturation by 10% instead.


 32.4846, 0.3729,
0.3225


 32.4846, 0.3729,
0.3225


313.3209, 0.3408,
0.3265


 21.7319, 0.3816,
0.3212


 63.5700, 0.3607,
0.3241

 13.6600, 0.3933,
0.3194


 84.6715, 0.3563,
0.3247

 7.8846, 0.4097,
0.3167


 109.9915, 0.3526,
0.3251

 4.0212, 0.4343,
0.3121

139.9142, 0.3495,
0.3255

 1.6854, 0.4748,
0.3033

174.8241, 0.3468,
0.3258

 0.4142, 0.6968,
0.2988


215.1056, 0.3445,

 0.0000, 0.0000,


0.3261

0.0000


261.1430, 0.3425,
0.3263


 32.4846, 0.3729,
0.3225


 32.4846, 0.3729,
0.3225

 26.7517, 0.4032,
0.3203


 39.3481, 0.3482,
0.3248


 22.0844, 0.4396,
0.3184


 47.3935, 0.3284,
0.3270


 18.4183, 0.4816,
0.3172

 56.6744, 0.3124,
0.3290

 15.6801, 0.5270,
0.3171

 67.2399, 0.2996,
0.3309

 13.7864, 0.5710,
0.3186

 79.1362, 0.2892,
0.3327

■ 12.6391, 0.6072,
0.3217

■ 90.6033, 0.2806,
0.3313

■ 12.0585, 0.6309,
0.3251

■ 90.7493, 0.2795,
0.3289

■ 12.0493, 0.6313,
0.3251

Harmonies

Analogous

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



32.4846, 0.3406, 0.2944



32.4846, 0.3729, 0.3225



32.4846, 0.3881, 0.3535

Triad

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



32.4846, 0.3729, 0.3225



32.4846, 0.3198, 0.3922



32.4846, 0.2474, 0.2746

Complementary

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



32.4846, 0.3729, 0.3225



49.7387, 0.2732, 0.3358

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.



32.4846, 0.2428, 0.2972



32.4846, 0.3729, 0.3225



32.4846, 0.2831, 0.3676

Square

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



32.4846, 0.3729, 0.3225



32.4846, 0.3560, 0.3962



32.4846, 0.2554, 0.3314



32.4846, 0.2683, 0.2672

Rectangle

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



32.4846, 0.3729, 0.3225



32.4846, 0.3861, 0.3726



32.4846, 0.2554, 0.3314



32.4846, 0.2439, 0.2805

Sweetspot

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



32.4861, 0.3729, 0.3225



84.9421, 0.3272, 0.3271



33.7637, 0.3103, 0.2543



17.6972, 0.3298, 0.3268



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.



32.4861, 0.3729, 0.3225



50.4662, 0.3926, 0.3210



39.9276, 0.3696, 0.3601



10.6513, 0.3276, 0.3271



7.8391, 0.6295, 0.3241



0.3763, 0.5959, 0.3056

Inverse Universe

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



32.4861, 0.3729, 0.3225



50.4662, 0.3926, 0.3210



39.9983, 0.2665, 0.2956



10.6513, 0.3276, 0.3271



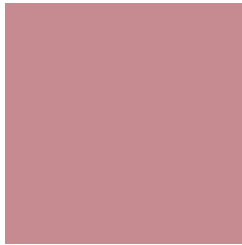
7.8391, 0.6295, 0.3241



0.3763, 0.5959, 0.3056

Previews

White Background



This preview shows how the Yxy color 32.4846, 0.3729, 0.3225 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 32.4846, 0.3729, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

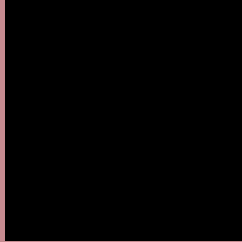
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4846, 0.3729, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 32.4846, 0.3729, 0.3225.



This preview shows how white text looks on a background with the Yxy color 32.4846, 0.3729, 0.3225.

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

32.4846, 0.3729, 0.3225

Protanopia

32.6473, 0.3186, 0.3320

Deuteranopia

32.4466, 0.3459, 0.3392



Tritanopia

32.4890, 0.3687, 0.3147

Trichromacy



Original Color

32.4846, 0.3729, 0.3225

Protanomaly

32.5491, 0.3377, 0.3291

Deuteranomaly

32.3012, 0.3557, 0.3319

Tritanomaly

32.4257, 0.3709, 0.3173

Monochromacy



Original Color

32.4846, 0.3729, 0.3225

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8503, 0.3335, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4846, 0.3729, 0.3225 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, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 139, 144)  
}
```

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, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 139, 144) }
```

Border

The CSS property to change the border of an element to Yxy 32.4846, 0.3729, 0.3225 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, 139, 144) }
```

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

```
.border{ border-color:rgb(198, 139, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 139, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 139,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4846, 0.3729, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 139, 144) }
```

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

```
.background{ background-color: rgb(198,  
139, 144) }
```

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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