

Converting Colors

$Y_{xy}(32.4041, 0.3681, 0.3224)$

Have a look what the booklet for
Yxy(32.4041, 0.3681, 0.3224)
contains.

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Color

Yxy(32.4026, 0.3681, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	C38C91
RGB	195, 140, 145
RGB Percent	76%, 55%, 57%
CMY	0.2353, 0.4510, 0.4312
CMYK	0.00, 0.28, 0.26, 0.24
HSL	355°, 31%, 66%
HSV	355°, 28%, 76%
XYZ	36.9956, 32.4026, 31.1061
YIQ	157.0150, 31.1750, 13.2150

Conversions

Conversions Part 2

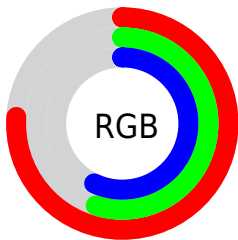
Format	Color
RYB	195, 140, 145
Decimal	12815505
CIELab	63.67, 21.64, 5.65
CIElCh	64, 22.369, 14.623
Yxy	32.4026, 0.3681, 0.3224
Android (android.graphics.Color)	4291005585 (0xFFC38C91)
YUV	157.0150, -5.9234, 33.3128
Hunter-Lab	56.9233, 16.3952, 7.4469

Details

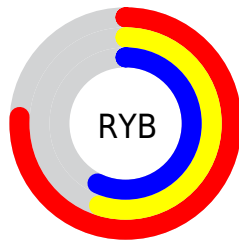
The Yxy color **32.4026, 0.3681, 0.3224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3199, 0.2754, 0.3359**, and the grayscale version is **33.7422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4025, 0.3563, 0.3239**, and **13.5464, 0.3865, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **26.6966, 0.3972, 0.3200**, and if you desaturate by 10%, it is **39.2066, 0.3445, 0.3248**.

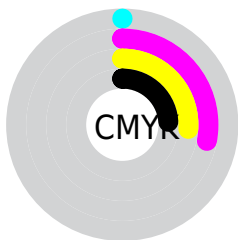
Distribution



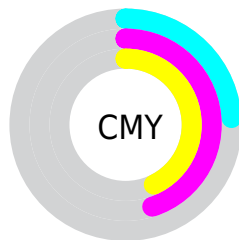
- Red (76%)
- Green (55%)
- Blue (57%)



- Red (76%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4026, 0.3681, 0.3224 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 32.4026, 0.3681, 0.3224 by changing the saturation by 10% instead.


 32.4026, 0.3681,
0.3224


 32.4026, 0.3681,
0.3224


312.9492, 0.3385,
0.3263


 21.6692, 0.3761,
0.3212

 63.4417, 0.3569,
0.3240

 13.6140, 0.3869,
0.3195


 84.5162, 0.3528,
0.3245

 7.8527, 0.4020,
0.3168


 109.8065, 0.3494,
0.3250

 4.0008, 0.4247,
0.3125

139.6970, 0.3466,
0.3254

 1.6740, 0.4624,
0.3043

174.5722, 0.3441,
0.3257

 0.4068, 0.6685,
0.2965


214.8163, 0.3420,


 0.0000, 0.0000,

0.3259


0.0000

260.8138, 0.3402,
0.3261


 32.4026, 0.3681,
0.3224

 32.4026, 0.3681,
0.3224


 26.6966, 0.3972,
0.3200


 39.2066, 0.3445,
0.3248

 22.0269, 0.4323,
0.3179


 47.1571, 0.3255,
0.3272

 18.3324, 0.4731,
0.3164

 56.3052, 0.3102,
0.3294

 15.5441, 0.5179,
0.3161

 66.6977, 0.2979,
0.3314

 13.5835, 0.5624,
0.3173

 78.3788, 0.2879,
0.3332

■ 12.3593, 0.6004,
0.3202

■ 90.1072, 0.2797,
0.3328

■ 11.7318, 0.6266,
0.3242

■ 90.3414, 0.2778,
0.3289

■ 11.6446, 0.6303,
0.3246

Harmonies

Analogous

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



32.4026, 0.3379, 0.2961



32.4026, 0.3681, 0.3224



32.4026, 0.3827, 0.3515

Triad

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



32.4026, 0.3681, 0.3224



32.4026, 0.3203, 0.3879



32.4026, 0.2514, 0.2787

Complementary

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



32.4026, 0.3681, 0.3224



48.3199, 0.2754, 0.3359

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.



32.4026, 0.2475, 0.3002



32.4026, 0.3681, 0.3224



32.4026, 0.2859, 0.3655

Square

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



32.4026, 0.3681, 0.3224



32.4026, 0.3539, 0.3913



32.4026, 0.2597, 0.3322



32.4026, 0.2707, 0.2712

Rectangle

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



32.4026, 0.3681, 0.3224



32.4026, 0.3812, 0.3693



32.4026, 0.2597, 0.3322



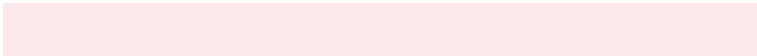
32.4026, 0.2483, 0.2844

Sweetspot

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



32.4041, 0.3681, 0.3224



84.5823, 0.3254, 0.3272



33.5795, 0.3105, 0.2585



18.0141, 0.3280, 0.3269



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.



32.4041, 0.3681, 0.3224



51.3512, 0.3858, 0.3209



39.3358, 0.3658, 0.3583



10.0925, 0.3275, 0.3269



7.5744, 0.6283, 0.3235



0.3325, 0.5906, 0.3027

Inverse Universe

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



32.4041, 0.3681, 0.3224



51.3512, 0.3858, 0.3209



39.4023, 0.2690, 0.2977



10.0925, 0.3275, 0.3269



7.5744, 0.6283, 0.3235



0.3325, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 32.4026, 0.3681, 0.3224 looks on a white background.

Color Contrast Check

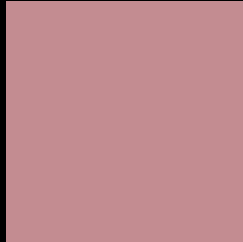
Large Text (above 18pt) WCAG AA × Fail

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 32.4026, 0.3681, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

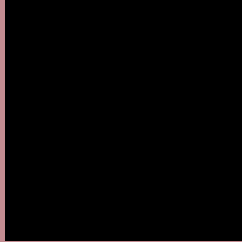
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4026, 0.3681, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 32.4026, 0.3681, 0.3224.



This preview shows how white text looks on a background with the Yxy color 32.4026, 0.3681, 0.3224.

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

32.4026, 0.3681, 0.3224

Protanopia

32.6802, 0.3176, 0.3305

Deuteranopia

32.4767, 0.3449, 0.3378



Tritanopia

32.4030, 0.3640, 0.3145

Trichromacy



Original Color

32.4026, 0.3681, 0.3224

Protanomaly

32.3548, 0.3346, 0.3276

Deuteranomaly

32.5165, 0.3533, 0.3319

Tritanomaly

32.3391, 0.3662, 0.3171

Monochromacy



Original Color

32.4026, 0.3681, 0.3224

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.0911, 0.3313, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4026, 0.3681, 0.3224 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(195, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(195, 140, 145)  
}
```

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(195, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 140, 145) }
```

Border

The CSS property to change the border of an element to Yxy 32.4026, 0.3681, 0.3224 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(195, 140, 145) }
```

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

```
.border{ border-color:rgb(195, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(195, 140,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4026, 0.3681, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 140, 145) }
```

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

```
.background{ background-color: rgb(195,  
140, 145) }
```

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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