

Converting Colors

$Y_{xy}(32.3420, 0.3373, 0.2980)$

Have a look what the booklet for
Yxy(32.3420, 0.3373, 0.2980)
contains.

Yxy(32.1692, 0.3376, 0.2977)	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(32.1692, 0.3376, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	BA8DA4
RGB	186, 141, 164
RGB Percent	73%, 55%, 64%
CMY	0.2705, 0.4471, 0.3569
CMYK	0.00, 0.24, 0.12, 0.27
HSL	329°, 25%, 64%
HSV	329°, 24%, 73%
XYZ	36.4808, 32.1692, 39.4092
YIQ	157.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

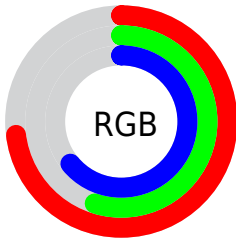
Format	Color
R _{YB}	186, 141, 164
Decimal	12225956
CIE Lab	63.48, 20.77, -5.49
CIE LCh	63, 21.484, 345.188
Yxy	32.1692, 0.3376, 0.2977
Android (android.graphics.Color)	4290416036 (0xFFBA8DA4)
YUV	157.0770, 3.4130, 25.3655
Hunter-Lab	56.7179, 15.5543, -1.4938

Details

The Yxy color **32.1692, 0.3376, 0.2977** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4374, 0.2935, 0.3626**, and the grayscale version is **33.7327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1994, 0.3330, 0.3038**, and **13.3877, 0.3458, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **26.8210, 0.3514, 0.2841**, and if you desaturate by 10%, it is **38.4653, 0.3260, 0.3111**.

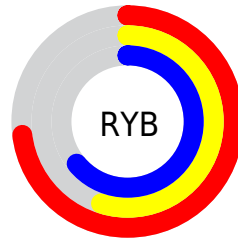
Distribution



Red (73%)

Green (55%)

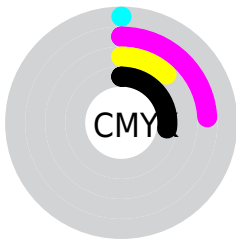
Blue (64%)



Red (73%)

Yellow (55%)

Blue (64%)

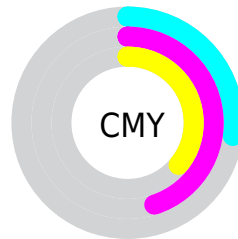


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1692, 0.3376, 0.2977 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 32.1692, 0.3376, 0.2977 by changing the saturation by 10% instead.


 32.1692, 0.3376,
0.2977


 32.1692, 0.3376,
0.2977


311.8893, 0.3246,
0.3139


 21.4908, 0.3411,
0.2934


 63.0762, 0.3327,
0.3037

 13.4832, 0.3456,
0.2879


 84.0737, 0.3309,
0.3060

 7.7621, 0.3519,
0.2802


 109.2795, 0.3294,
0.3078

 3.9431, 0.3612,
0.2690

139.0782, 0.3282,
0.3094

 1.6418, 0.3763,
0.2514

173.8541, 0.3271,
0.3108

 0.3855, 0.4236,
0.1869

213.9917, 0.3261,

 0.0000, 0.0000,

0.3120

0.0000

259.8753, 0.3253,
0.3130

■ 32.1692, 0.3376,
0.2977

■ 32.1692, 0.3376,
0.2977

■ 26.8210, 0.3514,
0.2841

■ 38.4653, 0.3260,
0.3111

■ 22.3697, 0.3677,
0.2709

■ 45.7481, 0.3163,
0.3238

■ 18.7664, 0.3865,
0.2589

■ 54.0597, 0.3083,
0.3359

■ 15.9556, 0.4076,
0.2491

■ 63.4384, 0.3016,
0.3470

■ 13.8750, 0.4305,
0.2427

■ 73.9204, 0.2961,
0.3574

■ 12.4530, 0.4544,
0.2409

■ 85.5404, 0.2916,
0.3668

■ 11.6031, 0.4779,
0.2444

■ 87.5472, 0.2869,
0.3589

■ 11.2699, 0.4914,
0.2481

■ 88.0650, 0.2822,
0.3487

■ 88.6098, 0.2776,
0.3387

Harmonies

Analogous

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



32.1692, 0.3030, 0.2798



32.1692, 0.3376, 0.2977



32.1692, 0.3664, 0.3232

Triad

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



32.1692, 0.3376, 0.2977



32.1692, 0.3519, 0.3891



32.1692, 0.2497, 0.3008

Complementary

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



32.1692, 0.3376, 0.2977



43.4374, 0.2935, 0.3626

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.



32.1692, 0.2613, 0.3315



32.1692, 0.3376, 0.2977



32.1692, 0.3195, 0.3853

Square

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



32.1692, 0.3376, 0.2977



32.1692, 0.3745, 0.3757



32.1692, 0.2864, 0.3635



32.1692, 0.2538, 0.2803

Rectangle

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



32.1692, 0.3376, 0.2977



32.1692, 0.3777, 0.3420



32.1692, 0.2864, 0.3635



32.1692, 0.2518, 0.3103

Sweetspot

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



32.1706, 0.3376, 0.2977



78.8682, 0.3189, 0.3202



30.3551, 0.2924, 0.2654



17.1886, 0.3195, 0.3194



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.1706, 0.3376, 0.2977



52.9743, 0.3446, 0.2906



31.4355, 0.3616, 0.3281



9.0867, 0.3210, 0.3174



7.5945, 0.4886, 0.2465



0.2802, 0.4342, 0.2166

Inverse Universe

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



32.1706, 0.3376, 0.2977



52.9743, 0.3446, 0.2906



44.3070, 0.2780, 0.3300



9.0867, 0.3210, 0.3174



7.5945, 0.4886, 0.2465



0.2802, 0.4342, 0.2166

Previews

White Background



This preview shows how the Yxy color 32.1692, 0.3376, 0.2977 looks on a white background.

Color Contrast Check

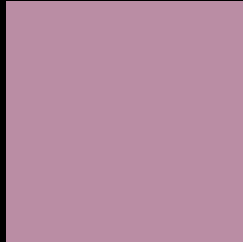
Large Text (above 18pt) WCAG AA × Fail

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 32.1692, 0.3376, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

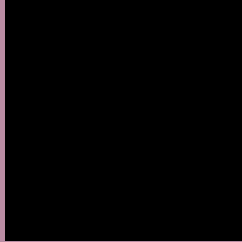
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1692, 0.3376, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 32.1692, 0.3376, 0.2977.



This preview shows how white text looks on a background with the Yxy color 32.1692, 0.3376, 0.2977.

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

32.1692, 0.3376, 0.2977

Protanopia

32.3981, 0.2956, 0.3022

Deuteranopia

32.1029, 0.3167, 0.3101



Tritanopia

32.2923, 0.3466, 0.3139

Trichromacy



Original Color

32.1692, 0.3376, 0.2977

Protanomaly

32.2146, 0.3100, 0.3015

Deuteranomaly

32.0863, 0.3242, 0.3048

Tritanomaly

32.1289, 0.3426, 0.3070

Monochromacy



Original Color

32.1692, 0.3376, 0.2977

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.9961, 0.3214, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1692, 0.3376, 0.2977 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(186, 141, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 164)  
}
```

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(186, 141, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 164) }
```

Border

The CSS property to change the border of an element to Yxy 32.1692, 0.3376, 0.2977 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(186, 141, 164) }
```

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

```
.border{ border-color:rgb(186, 141, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 141, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 164);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1692, 0.3376, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 164) }
```

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

```
.background{ background-color: rgb(186,  
141, 164) }
```

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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