

Converting Colors

$Y_{xy}(32.0435, 0.3226, 0.2795)$

Have a look what the booklet for
Yxy(32.0435, 0.3226, 0.2795)
contains.

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Color

Yxy(32.1208, 0.3223, 0.2792)

Conversions

Conversions Part 1

Format	Color
Hex	B88CB1
RGB	184, 140, 177
RGB Percent	72%, 55%, 69%
CMY	0.2785, 0.4509, 0.3058
CMYK	0.00, 0.24, 0.04, 0.28
HSL	310°, 24%, 64%
HSV	310°, 24%, 72%
XYZ	37.0793, 32.1208, 45.8458
YIQ	157.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

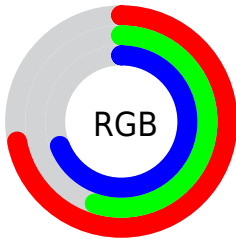
Format	Color
RYB	184, 140, 177
Decimal	12094641
CIELab	63.44, 22.92, -12.93
CIELCh	63, 26.315, 330.564
Yxy	32.1208, 0.3223, 0.2792
Android (android.graphics.Color)	4290284721 (0xFFB88CB1)
YUV	157.3740, 9.6756, 23.3510
Hunter-Lab	56.6752, 17.6005, -8.2883

Details

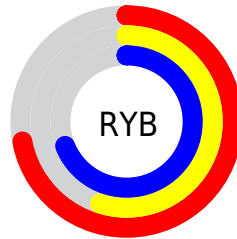
The Yxy color **32.1208, 0.3223, 0.2792** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.9578, 0.3044, 0.3845**, and the grayscale version is **33.8454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9920, 0.3201, 0.2883**, and **13.3458, 0.3248, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **27.0718, 0.3272, 0.2581**, and if you desaturate by 10%, it is **38.0741, 0.3179, 0.3004**.

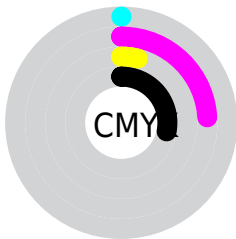
Distribution



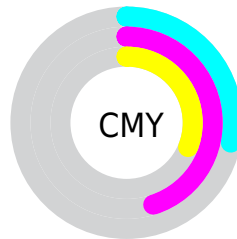
- Red (72%)
- Green (55%)
- Blue (69%)



- Red (72%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (28%)





- Cyan (28%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1208, 0.3223, 0.2792 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 32.1208, 0.3223, 0.2792 by changing the saturation by 10% instead.


 32.1208, 0.3223,
0.2792


 32.1208, 0.3223,
0.2792


311.6692, 0.3177,
0.3046


 21.4538, 0.3234,
0.2727


 63.0004, 0.3207,
0.2886

 13.4561, 0.3248,
0.2643


 83.9818, 0.3200,
0.2920

 7.7434, 0.3265,
0.2529


 109.1701, 0.3195,
0.2950

 3.9312, 0.3288,
0.2367

138.9497, 0.3190,
0.2975

 1.6351, 0.3317,
0.2121

173.7050, 0.3186,
0.2996

 0.3811, 0.3462,
0.1428

213.8205, 0.3183,

 0.0000, 0.0000,

0.3015

0.0000

259.6804, 0.3179,
0.3032

■ 32.1208, 0.3223,
0.2792

■ 32.1208, 0.3223,
0.2792

■ 27.0718, 0.3272,
0.2581

■ 38.0741, 0.3179,
0.3004

■ 22.8782, 0.3326,
0.2378

■ 44.9690, 0.3141,
0.3211

■ 19.4930, 0.3384,
0.2192

■ 52.8460, 0.3107,
0.3410

■ 16.8626, 0.3444,
0.2033

■ 61.7419, 0.3079,
0.3596

■ 14.9274, 0.3505,
0.1911

■ 71.6914, 0.3054,
0.3769

■ 13.6186, 0.3565,
0.1830

■ 82.7279, 0.3034,
0.3929

■ 12.8531, 0.3622,
0.1795

■ 85.7601, 0.3017,
0.3941

■ 12.5486, 0.3656,
0.1787

■ 85.8956, 0.3002,
0.3907

■ 86.0337, 0.2986,
0.3873

Harmonies

Analogous

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



32.1208, 0.2814, 0.2639



32.1208, 0.3223, 0.2792



32.1208, 0.3630, 0.3059

Triad

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



32.1208, 0.3223, 0.2792



32.1208, 0.3760, 0.3964



32.1208, 0.2408, 0.3111

Complementary

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



32.1208, 0.3223, 0.2792



41.9578, 0.3044, 0.3845

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.



32.1208, 0.2630, 0.3518



32.1208, 0.3223, 0.2792



32.1208, 0.3406, 0.4038

Square

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



32.1208, 0.3223, 0.2792



32.1208, 0.3948, 0.3716



32.1208, 0.2992, 0.3875



32.1208, 0.2366, 0.2794

Rectangle

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



32.1208, 0.3223, 0.2792



32.1208, 0.3834, 0.3275



32.1208, 0.2992, 0.3875



32.1208, 0.2463, 0.3242

Sweetspot

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



32.1222, 0.3223, 0.2792



77.3226, 0.3153, 0.3146



28.3855, 0.2787, 0.2638



16.5067, 0.3155, 0.3134



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.1222, 0.3223, 0.2792



52.9313, 0.3250, 0.2673



31.3275, 0.3447, 0.3077



9.1376, 0.3161, 0.3100



8.6584, 0.3649, 0.1784



0.3119, 0.3518, 0.1712

Inverse Universe

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



32.1222, 0.3223, 0.2792



52.9313, 0.3250, 0.2673



42.7010, 0.2887, 0.3514



9.1376, 0.3161, 0.3100



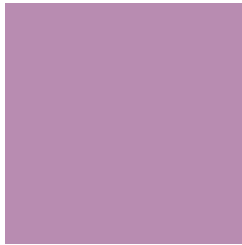
8.6584, 0.3649, 0.1784



0.3119, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 32.1208, 0.3223, 0.2792 looks on a white background.

Color Contrast Check

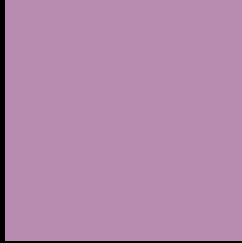
Large Text (above 18pt) WCAG AA × Fail

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 32.1208, 0.3223, 0.2792 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 32.1208, 0.3223, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 32.1208, 0.3223, 0.2792.



This preview shows how white text looks on a background with the Yxy color 32.1208, 0.3223, 0.2792.

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

32.1208, 0.3223, 0.2792

Protanopia

32.1623, 0.2794, 0.2806

Deuteranopia

32.2788, 0.2987, 0.2927



Tritanopia

32.1368, 0.3411, 0.3137

Trichromacy



Original Color

32.1208, 0.3223, 0.2792

Protanomaly

32.0308, 0.2935, 0.2804

Deuteranomaly

32.0172, 0.3067, 0.2866

Tritanomaly

32.2343, 0.3340, 0.3014

Monochromacy



Original Color

32.1208, 0.3223, 0.2792

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.0290, 0.3166, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1208, 0.3223, 0.2792 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(184, 140, 177)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 177)  
}
```

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(184, 140, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 177) }
```

Border

The CSS property to change the border of an element to Yxy 32.1208, 0.3223, 0.2792 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(184, 140, 177) }
```

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

```
.border{ border-color:rgb(184, 140, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 140, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 177);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1208, 0.3223, 0.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 177) }
```

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

```
.background{ background-color: rgb(184,  
140, 177) }
```

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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