

Converting Colors

$Yxy(32.2416, 0.3207, 0.2838)$

Have a look what the booklet for
Yxy(32.2416, 0.3207, 0.2838)
contains.

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Color

Yxy(32.2649, 0.3210, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	B58EAF
RGB	181, 142, 175
RGB Percent	71%, 56%, 69%
CMY	0.2902, 0.4431, 0.3136
CMYK	0.00, 0.22, 0.03, 0.29
HSL	309°, 21%, 63%
HSV	309°, 22%, 71%
XYZ	36.4684, 32.2649, 44.8755
YIQ	157.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

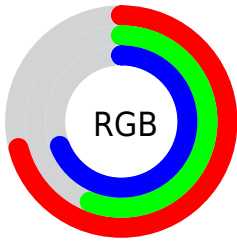
Format	Color
RYB	181, 142, 175
Decimal	11898543
CIELab	63.56, 20.39, -11.66
CIELCh	64, 23.490, 330.230
Yxy	32.2649, 0.3210, 0.2840
Android (android.graphics.Color)	4290088623 (0xFFB58EAF)
YUV	157.4230, 8.6655, 20.6770
Hunter-Lab	56.8022, 15.1976, -7.0794

Details

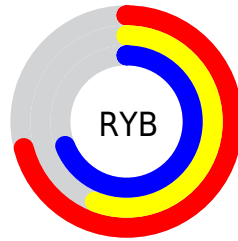
The Yxy color $32.2649, 0.3210, 0.2840$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $40.9356, 0.3054, 0.3786$, and the grayscale version is $33.8744, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.2539, 0.3191, 0.2921$, and $13.5014, 0.3230, 0.2689$ is the 20% darker color. If you saturate the color by 10%, you get $27.2026, 0.3256, 0.2627$, and if you desaturate by 10%, it is $38.2068, 0.3169, 0.3053$.

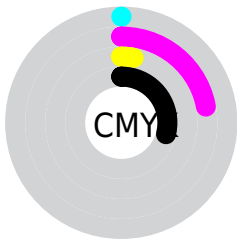
Distribution



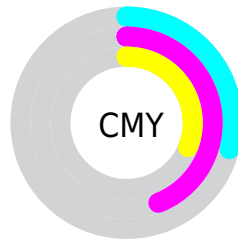
- Red (71%)
- Green (56%)
- Blue (69%)



- Red (71%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2649, 0.3210, 0.2840 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 32.2649, 0.3210, 0.2840 by changing the saturation by 10% instead.


 32.2649, 0.3210,
0.2840


 32.2649, 0.3210,
0.2840


312.3242, 0.3170,
0.3071

 21.5639, 0.3220,
0.2781


 63.2261, 0.3196,
0.2925

 13.5368, 0.3232,
0.2703


 84.2552, 0.3190,
0.2957

 7.7992, 0.3247,
0.2599


 109.4957, 0.3185,
0.2983

 3.9668, 0.3267,
0.2450

139.3321, 0.3181,
0.3006

 1.6550, 0.3294,
0.2220

174.1487, 0.3178,
0.3025

 0.3942, 0.3437,
0.1552

214.3300, 0.3175,

 0.0000, 0.0000,

0.3042

0.0000

260.2604, 0.3172,
0.3057

■ 32.2649, 0.3210,
0.2840

■ 32.2649, 0.3210,
0.2840

■ 27.2026, 0.3256,
0.2627

■ 38.2068, 0.3169,
0.3053

■ 22.9736, 0.3308,
0.2420

■ 45.0633, 0.3132,
0.3259

■ 19.5335, 0.3363,
0.2229

■ 52.8729, 0.3101,
0.3455

■ 16.8323, 0.3420,
0.2062

■ 61.6703, 0.3074,
0.3640

■ 14.8143, 0.3479,
0.1930

■ 71.4888, 0.3051,
0.3811

■ 13.4158, 0.3537,
0.1838

■ 82.3599, 0.3031,
0.3969

■ 12.5612, 0.3593,
0.1791

■ 85.2582, 0.3016,
0.3980

■ 12.1325, 0.3638,
0.1778

■ 85.3843, 0.3001,
0.3947

■ 85.5128, 0.2986,
0.3915

Harmonies

Analogous

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



32.2649, 0.2844, 0.2703



32.2649, 0.3210, 0.2840



32.2649, 0.3572, 0.3081

Triad

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



32.2649, 0.3210, 0.2840



32.2649, 0.3696, 0.3892



32.2649, 0.2484, 0.3138

Complementary

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



32.2649, 0.3210, 0.2840



40.9356, 0.3054, 0.3786

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.



32.2649, 0.2687, 0.3497



32.2649, 0.3210, 0.2840



32.2649, 0.3383, 0.3954

Square

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



32.2649, 0.3210, 0.2840



32.2649, 0.3859, 0.3673



32.2649, 0.3013, 0.3810



32.2649, 0.2443, 0.2852

Rectangle

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



32.2649, 0.3210, 0.2840



32.2649, 0.3754, 0.3276



32.2649, 0.3013, 0.3810



32.2649, 0.2534, 0.3255

Sweetspot

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



32.2663, 0.3210, 0.2840



74.9075, 0.3148, 0.3166



28.9648, 0.2826, 0.2710



16.0209, 0.3151, 0.3153



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.



32.2663, 0.3210, 0.2840



53.1637, 0.3232, 0.2736



31.5587, 0.3408, 0.3099



8.6239, 0.3160, 0.3099



8.3723, 0.3632, 0.1774



0.2695, 0.3497, 0.1700

Inverse Universe

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



32.2663, 0.3210, 0.2840



53.1637, 0.3232, 0.2736



41.6012, 0.2910, 0.3489



8.6239, 0.3160, 0.3099



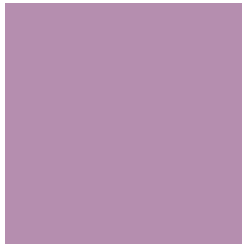
8.3723, 0.3632, 0.1774



0.2695, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 32.2649, 0.3210, 0.2840 looks on a white background.

Color Contrast Check

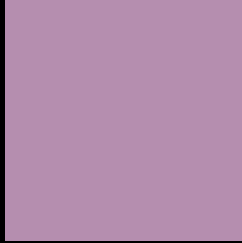
Large Text (above 18pt) WCAG AA × Fail

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 32.2649, 0.3210, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

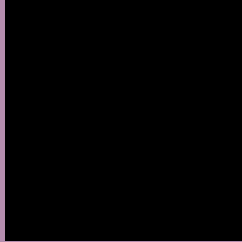
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2649, 0.3210, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 32.2649, 0.3210, 0.2840.



This preview shows how white text looks on a background with the Yxy color 32.2649, 0.3210, 0.2840.

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

32.2649, 0.3210, 0.2840

Protanopia

32.4558, 0.2828, 0.2864

Deuteranopia

32.3034, 0.3015, 0.2956



Tritanopia

32.1501, 0.3356, 0.3121

Trichromacy



Original Color

32.2649, 0.3210, 0.2840

Protanomaly

32.2231, 0.2962, 0.2859

Deuteranomaly

32.2483, 0.3085, 0.2907

Tritanomaly

32.2106, 0.3297, 0.3012

Monochromacy



Original Color

32.2649, 0.3210, 0.2840

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2438, 0.3155, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2649, 0.3210, 0.2840 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(181, 142, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 142, 175)  
}
```

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(181, 142, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 142, 175) }
```

Border

The CSS property to change the border of an element to Yxy 32.2649, 0.3210, 0.2840 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(181, 142, 175) }
```

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

```
.border{ border-color:rgb(181, 142, 175) }
```

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

Here you see how a box with a 4 pixel rgb(181, 142, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 142, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 142, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 142,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2649, 0.3210, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 142, 175) }
```

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

```
.background{ background-color: rgb(181,  
142, 175) }
```

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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