

Converting Colors

$Yxy(35.3208, 0.3264, 0.2932)$

Have a look what the booklet for
Yxy(35.3208, 0.3264, 0.2932)
contains.

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Color

Yxy(35.3208, 0.3264, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	BC95B0
RGB	188, 149, 176
RGB Percent	74%, 58%, 69%
CMY	0.2628, 0.4156, 0.3098
CMYK	0.00, 0.21, 0.06, 0.26
HSL	318°, 23%, 66%
HSV	318°, 21%, 74%
XYZ	39.3203, 35.3208, 45.8255
YIQ	163.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

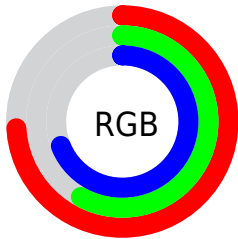
Format	Color
R_{YB}	188, 149, 176
Decimal	12359088
CIE _{Lab}	66.00, 19.12, -8.51
CIE _{LCh}	66, 20.928, 336.020
Yxy	35.3208, 0.3264, 0.2932
Android (android.graphics.Color)	4290549168 (0xFFBC95B0)
YUV	163.7390, 6.0447, 21.2769
Hunter-Lab	59.4313, 14.0924, -4.1146

Details

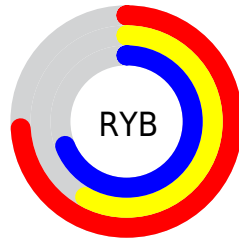
The Yxy color **35.3208, 0.3264, 0.2932** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.9216, 0.3013, 0.3677**, and the grayscale version is **36.9599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9505, 0.3240, 0.2992**, and **15.2589, 0.3293, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **29.6222, 0.3348, 0.2753**, and if you desaturate by 10%, it is **41.9923, 0.3192, 0.3109**.

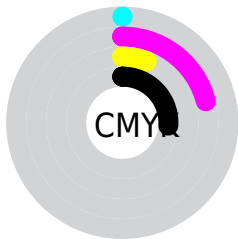
Distribution



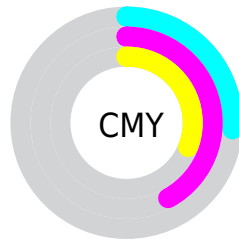
- Red (74%)
- Green (58%)
- Blue (69%)



- Red (74%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3208, 0.3264, 0.2932 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 35.3208, 0.3264, 0.2932 by changing the saturation by 10% instead.


 35.3208, 0.3264,
0.2932


 35.3208, 0.3264,
0.2932


325.9821, 0.3195,
0.3114

 23.9101, 0.3281,
0.2886


 67.9824, 0.3239,
0.2999

 15.2669, 0.3304,
0.2825


 90.0022, 0.3229,
0.3024

 9.0069, 0.3334,
0.2744


116.3270, 0.3221,
0.3045

 4.7457, 0.3377,
0.2629

147.3414, 0.3214,
0.3063

 2.0988, 0.3441,
0.2453

183.4297, 0.3209,
0.3078

 0.6640, 0.3569,
0.2107

224.9763, 0.3203,

 0.0000, 0.2892,

0.3092

0.0000

272.3656, 0.3199,
0.3104

■ 0.0000, 0.0000,
0.0000

■ 35.3208, 0.3264,
0.2932

■ 35.3208, 0.3264,
0.2932

■ 29.6222, 0.3348,
0.2753

■ 41.9923, 0.3192,
0.3109

■ 24.8457, 0.3443,
0.2576

■ 49.6750, 0.3131,
0.3278

■ 20.9430, 0.3551,
0.2411

■ 58.4109, 0.3080,
0.3438

■ 17.8595, 0.3669,
0.2266

■ 68.2381, 0.3037,
0.3587

■ 15.5344, 0.3796,
0.2154

■ 79.1930, 0.3001,
0.3725

■ 13.8984, 0.3926,
0.2082

■ 86.8948, 0.2970,
0.3783

■ 12.8694, 0.4056,
0.2059

■ 87.1890, 0.2939,
0.3717

■ 12.3074, 0.4174,
0.2073

■ 87.4937, 0.2909,
0.3651

■ 87.8090, 0.2878,
0.3585

Harmonies

Analogous

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



35.3208, 0.2941, 0.2792



35.3208, 0.3264, 0.2932



35.3208, 0.3563, 0.3157

Triad

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



35.3208, 0.3264, 0.2932



35.3208, 0.3577, 0.3834



35.3208, 0.2548, 0.3107

Complementary

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



35.3208, 0.3264, 0.2932



44.9216, 0.3013, 0.3677

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.



35.3208, 0.2702, 0.3410



35.3208, 0.3264, 0.2932



35.3208, 0.3290, 0.3850

Square

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



35.3208, 0.3264, 0.2932



35.3208, 0.3746, 0.3670



35.3208, 0.2970, 0.3692



35.3208, 0.2541, 0.2876

Rectangle

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



35.3208, 0.3264, 0.2932



35.3208, 0.3701, 0.3333



35.3208, 0.2970, 0.3692



35.3208, 0.2584, 0.3203

Sweetspot

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



35.3224, 0.3264, 0.2932



82.3410, 0.3163, 0.3188



32.6744, 0.2891, 0.2741



17.5140, 0.3167, 0.3177



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.



35.3224, 0.3264, 0.2932



58.9827, 0.3302, 0.2848



34.6149, 0.3455, 0.3185



9.6450, 0.3183, 0.3132



8.3951, 0.4159, 0.2065



0.3400, 0.3881, 0.1911

Inverse Universe

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



35.3224, 0.3264, 0.2932



58.9827, 0.3302, 0.2848



45.6520, 0.2876, 0.3398



9.6450, 0.3183, 0.3132



8.3951, 0.4159, 0.2065



0.3400, 0.3881, 0.1911

Previews

White Background



This preview shows how the Yxy color 35.3208, 0.3264, 0.2932 looks on a white background.

Color Contrast Check

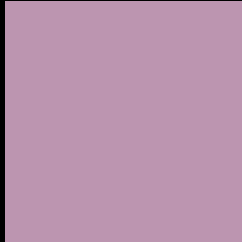
Large Text (above 18pt) WCAG AA × Fail

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 35.3208, 0.3264, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

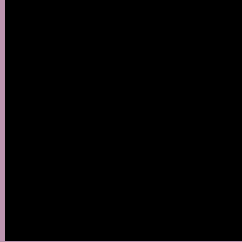
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3208, 0.3264, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 35.3208, 0.3264, 0.2932.



This preview shows how white text looks on a background with the Yxy color 35.3208, 0.3264, 0.2932.

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

35.3208, 0.3264, 0.2932

Protanopia

35.3833, 0.2904, 0.2948

Deuteranopia

35.4181, 0.3092, 0.3024



Tritanopia

35.2167, 0.3369, 0.3128

Trichromacy



Original Color

35.3208, 0.3264, 0.2932

Protanomaly

35.0628, 0.3029, 0.2941

Deuteranomaly

35.2247, 0.3161, 0.2988

Tritanomaly

35.2046, 0.3331, 0.3048

Monochromacy



Original Color

35.3208, 0.3264, 0.2932

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5077, 0.3181, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3208, 0.3264, 0.2932 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(188, 149, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 176)  
}
```

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(188, 149, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 176) }
```

Border

The CSS property to change the border of an element to Yxy 35.3208, 0.3264, 0.2932 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(188, 149, 176) }
```

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

```
.border{ border-color:rgb(188, 149, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 149, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3208, 0.3264, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 149, 176) }
```

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

```
.background{ background-color: rgb(188,  
149, 176) }
```

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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