

Converting Colors

$Yxy(34.2389, 0.3322, 0.2967)$

Have a look what the booklet for
Yxy(34.2389, 0.3322, 0.2967)
contains.

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Color

Yxy(34.1514, 0.3327, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	BC92AA
RGB	188, 146, 170
RGB Percent	74%, 57%, 67%
CMY	0.2628, 0.4274, 0.3333
CMYK	0.00, 0.22, 0.10, 0.26
HSL	326°, 24%, 65%
HSV	326°, 22%, 74%
XYZ	38.2694, 34.1514, 42.6059
YIQ	161.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

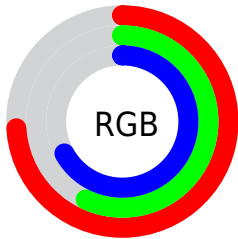
Format	Color
R_{YB}	188, 146, 170
Decimal	12358314
CIE _{Lab}	65.08, 19.72, -6.49
CIE _{LCh}	65, 20.757, 341.787
Yxy	34.1514, 0.3327, 0.2969
Android (android.graphics.Color)	4290548394 (0xFFBC92AA)
YUV	161.2940, 4.2921, 23.4212
Hunter-Lab	58.4392, 14.6235, -2.3187

Details

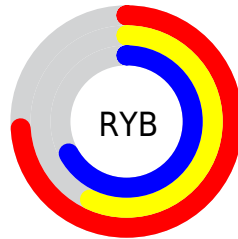
The Yxy color **34.1514, 0.3327, 0.2969** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7488, 0.2968, 0.3635**, and the grayscale version is **35.7582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1573, 0.3294, 0.3031**, and **14.5608, 0.3385, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **28.5300, 0.3445, 0.2818**, and if you desaturate by 10%, it is **40.7474, 0.3228, 0.3117**.

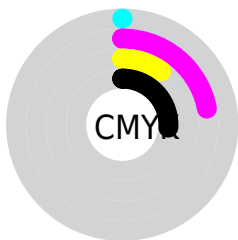
Distribution



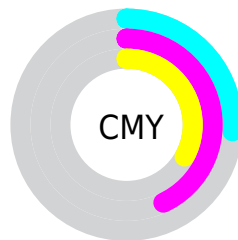
- Red (74%)
- Green (57%)
- Blue (67%)



- Red (74%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1514, 0.3327, 0.2969 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 34.1514, 0.3327, 0.2969 by changing the saturation by 10% instead.


 34.1514, 0.3327,
0.2969


 34.1514, 0.3327,
0.2969


320.8066, 0.3224,
0.3134

 23.0099, 0.3354,
0.2926


 66.1690, 0.3289,
0.3030

 14.6008, 0.3389,
0.2871


 87.8140, 0.3275,
0.3052

 8.5397, 0.3437,
0.2796

113.7289, 0.3263,
0.3071

 4.4422, 0.3506,
0.2688

144.2982, 0.3253,
0.3088

 1.9239, 0.3615,
0.2520

179.9062, 0.3244,
0.3102

 0.5627, 0.3865,
0.2115

220.9373, 0.3236,

 0.0000, 0.0000,

0.3114

0.0000

267.7760, 0.3230,
0.3124

■ 34.1514, 0.3327,
0.2969

■ 34.1514, 0.3327,
0.2969

■ 28.5300, 0.3445,
0.2818

■ 40.7474, 0.3228,
0.3117

■ 23.8318, 0.3582,
0.2671

■ 48.3571, 0.3144,
0.3258

■ 20.0076, 0.3739,
0.2533

■ 57.0230, 0.3075,
0.3391

■ 17.0015, 0.3916,
0.2417

■ 66.7838, 0.3018,
0.3515

■ 14.7515, 0.4108,
0.2333

■ 77.6763, 0.2970,
0.3629

■ 13.1864, 0.4308,
0.2293

■ 87.2868, 0.2929,
0.3695

■ 12.2209, 0.4508,
0.2304

■ 87.7195, 0.2887,
0.3603

■ 11.7597, 0.4660,
0.2341

■ 88.1729, 0.2845,
0.3513

■ 88.6475, 0.2804,
0.3424

Harmonies

Analogous

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



34.1514, 0.3000, 0.2809



34.1514, 0.3327, 0.2969



34.1514, 0.3611, 0.3206

Triad

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



34.1514, 0.3327, 0.2969



34.1514, 0.3530, 0.3852



34.1514, 0.2534, 0.3054

Complementary

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



34.1514, 0.3327, 0.2969



44.7488, 0.2968, 0.3635

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.



34.1514, 0.2660, 0.3350



34.1514, 0.3327, 0.2969



34.1514, 0.3229, 0.3835

Square

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



34.1514, 0.3327, 0.2969



34.1514, 0.3728, 0.3711



34.1514, 0.2911, 0.3646



34.1514, 0.2555, 0.2844

Rectangle

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



34.1514, 0.3327, 0.2969



34.1514, 0.3729, 0.3385



34.1514, 0.2911, 0.3646



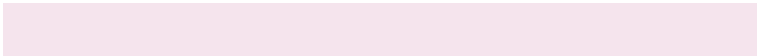
34.1514, 0.2560, 0.3146

Sweetspot

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



34.1529, 0.3327, 0.2969



80.8200, 0.3182, 0.3191



32.0312, 0.2916, 0.2703



17.2027, 0.3187, 0.3183



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.



34.1529, 0.3327, 0.2969



56.4814, 0.3385, 0.2892



33.4368, 0.3538, 0.3243



9.6253, 0.3201, 0.3160



8.0239, 0.4636, 0.2328



0.3272, 0.4207, 0.2091

Inverse Universe

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



34.1529, 0.3327, 0.2969



56.4814, 0.3385, 0.2892



45.5497, 0.2824, 0.3338



9.6253, 0.3201, 0.3160



8.0239, 0.4636, 0.2328



0.3272, 0.4207, 0.2091

Previews

White Background



This preview shows how the Yxy color 34.1514, 0.3327, 0.2969 looks on a white background.

Color Contrast Check

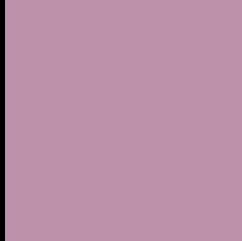
Large Text (above 18pt) WCAG AA × Fail

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 34.1514, 0.3327, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

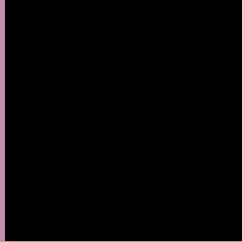
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1514, 0.3327, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 34.1514, 0.3327, 0.2969.



This preview shows how white text looks on a background with the Yxy color 34.1514, 0.3327, 0.2969.

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

34.1514, 0.3327, 0.2969

Protanopia

34.2568, 0.2934, 0.3000

Deuteranopia

34.4108, 0.3137, 0.3077



Tritanopia

34.2478, 0.3425, 0.3141

Trichromacy



Original Color

34.1514, 0.3327, 0.2969

Protanomaly

34.0539, 0.3073, 0.2993

Deuteranomaly

34.2279, 0.3209, 0.3040

Tritanomaly

34.0766, 0.3386, 0.3074

Monochromacy



Original Color

34.1514, 0.3327, 0.2969

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1152, 0.3201, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1514, 0.3327, 0.2969 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, 146, 170)` looks like.

```
.text, #text, p{  
    color:rgb(188, 146, 170)  
}
```

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, 146, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 146, 170) }
```

Border

The CSS property to change the border of an element to Yxy 34.1514, 0.3327, 0.2969 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, 146, 170) }
```

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

```
.border{ border-color:rgb(188, 146, 170) }
```

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

Here you see how a box with a 4 pixel rgb(188, 146, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 146, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 146, 170);  
box-shadow:4px 4px 4px 4px rgb(188, 146,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1514, 0.3327, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 146, 170) }
```

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

```
.background{ background-color: rgb(188,  
146, 170) }
```

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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