

Converting Colors

$Y_{xy}(34.0298, 0.3314, 0.3120)$

Have a look what the booklet for
Yxy(34.0298, 0.3314, 0.3120)
contains.

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Color

Yxy(34.1246, 0.3319, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	B496A2
RGB	180, 150, 162
RGB Percent	71%, 59%, 64%
CMY	0.2940, 0.4118, 0.3647
CMYK	0.00, 0.17, 0.10, 0.29
HSL	336°, 17%, 65%
HSV	336°, 17%, 71%
XYZ	36.2547, 34.1246, 38.8544
YIQ	160.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

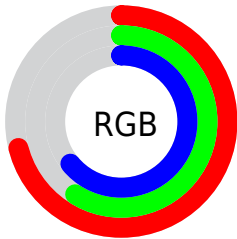
Format	Color
RYB	180, 150, 162
Decimal	11835042
CIELab	65.06, 13.21, -2.10
CIElCh	65, 13.378, 350.977
Yxy	34.1246, 0.3319, 0.3124
Android (android.graphics.Color)	4290025122 (0xFFB496A2)
YUV	160.3380, 0.8194, 17.2436
Hunter-Lab	58.4163, 8.5533, 1.4558

Details

The Yxy color **34.1246, 0.3319, 0.3124** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9662, 0.2968, 0.3462**, and the grayscale version is **35.3109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0284, 0.3280, 0.3152**, and **14.5615, 0.3388, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **28.4473, 0.3467, 0.3018**, and if you desaturate by 10%, it is **40.7207, 0.3197, 0.3226**.

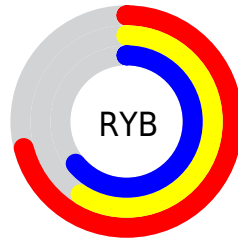
Distribution



Red (71%)

Green (59%)

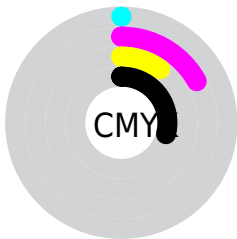
Blue (64%)



Red (71%)

Yellow (59%)

Blue (64%)

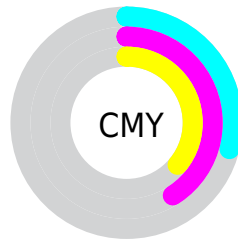


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1246, 0.3319, 0.3124 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 34.1246, 0.3319, 0.3124 by changing the saturation by 10% instead.


 34.1246, 0.3319,
0.3124


 34.1246, 0.3319,
0.3124


320.6873, 0.3219,
0.3211

 22.9893, 0.3346,
0.3101


 66.1274, 0.3281,
0.3156

 14.5856, 0.3381,
0.3071


 87.7637, 0.3268,
0.3168

 8.5291, 0.3430,
0.3030


113.6691, 0.3256,
0.3178

 4.4353, 0.3502,
0.2969

144.2281, 0.3246,
0.3187

 1.9199, 0.3620,
0.2872

179.8250, 0.3238,
0.3194

 0.5603, 0.3937,
0.2579

220.8443, 0.3231,


 0.0000, 0.0000,

0.3200

0.0000


267.6702, 0.3224,
0.3206


 34.1246, 0.3319,
0.3124


 34.1246, 0.3319,
0.3124

 28.4473, 0.3467,
0.3018


 40.7207, 0.3197,
0.3226


 23.6433, 0.3646,
0.2911


 48.2693, 0.3096,
0.3321


 19.6698, 0.3858,
0.2809

 56.8083, 0.3013,
0.3409

 16.4790, 0.4104,
0.2720

 66.3719, 0.2945,
0.3491

 14.0178, 0.4382,
0.2654

 76.9928, 0.2889,
0.3565

■ 12.2265, 0.4683,
0.2624

■ 86.7651, 0.2841,
0.3602

■ 11.0360, 0.4989,
0.2641

■ 87.3805, 0.2786,
0.3479

■ 10.3514, 0.5281,
0.2709

■ 88.0341, 0.2732,
0.3359

■ 10.1736, 0.5376,
0.2735

■ 88.4468, 0.2701,
0.3289

Harmonies

Analogous

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



34.1246, 0.3111, 0.2998



34.1246, 0.3319, 0.3124



34.1246, 0.3478, 0.3293

Triad

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



34.1246, 0.3319, 0.3124



34.1246, 0.3335, 0.3657



34.1246, 0.2732, 0.3093

Complementary

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



34.1246, 0.3319, 0.3124



41.9662, 0.2968, 0.3462

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.



34.1246, 0.2788, 0.3271



34.1246, 0.3319, 0.3124



34.1246, 0.3132, 0.3608

Square

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



34.1246, 0.3319, 0.3124



34.1246, 0.3486, 0.3602



34.1246, 0.2933, 0.3464



34.1246, 0.2777, 0.2975

Rectangle

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



34.1246, 0.3319, 0.3124



34.1246, 0.3531, 0.3411



34.1246, 0.2933, 0.3464



34.1246, 0.2739, 0.3147

Sweetspot

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



34.1261, 0.3319, 0.3124



75.8769, 0.3179, 0.3241



33.4339, 0.3029, 0.2869



16.2051, 0.3187, 0.3234



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.



34.1261, 0.3319, 0.3124



57.9009, 0.3370, 0.3086



34.6904, 0.3432, 0.3333



8.5596, 0.3227, 0.3199



7.1105, 0.5345, 0.2718



0.2354, 0.4609, 0.2313

Inverse Universe

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



34.1261, 0.3319, 0.3124



57.9009, 0.3370, 0.3086



41.2345, 0.2877, 0.3247



8.5596, 0.3227, 0.3199



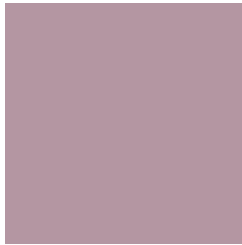
7.1105, 0.5345, 0.2718



0.2354, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 34.1246, 0.3319, 0.3124 looks on a white background.

Color Contrast Check

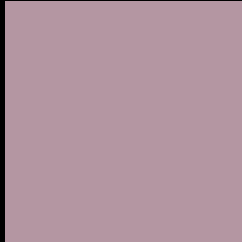
Large Text (above 18pt) WCAG AA × Fail

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 34.1246, 0.3319, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

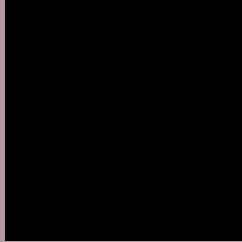
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1246, 0.3319, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 34.1246, 0.3319, 0.3124.



This preview shows how white text looks on a background with the Yxy color 34.1246, 0.3319, 0.3124.

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

34.1246, 0.3319, 0.3124

Protanopia

34.1362, 0.3056, 0.3158

Deuteranopia

34.1263, 0.3243, 0.3177



Tritanopia

34.1246, 0.3319, 0.3124

Trichromacy



Original Color

34.1246, 0.3319, 0.3124

Protanomaly

33.9348, 0.3144, 0.3132

Deuteranomaly

34.1436, 0.3274, 0.3163

Tritanomaly

34.1246, 0.3319, 0.3124

Monochromacy



Original Color

34.1246, 0.3319, 0.3124

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5656, 0.3190, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1246, 0.3319, 0.3124 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(180, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(180, 150, 162)  
}
```

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(180, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 150, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.1246, 0.3319, 0.3124 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(180, 150, 162) }
```

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

```
.border{ border-color:rgb(180, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(180, 150,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1246, 0.3319, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 150, 162) }
```

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

```
.background{ background-color: rgb(180,  
150, 162) }
```

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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