

Converting Colors

$Yxy(34.3498, 0.3563, 0.3340)$

Have a look what the booklet for
Yxy(34.3498, 0.3563, 0.3340)
contains.

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Color

Yxy(34.2616, 0.3567, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	BC9592
RGB	188, 149, 146
RGB Percent	74%, 58%, 57%
CMY	0.2627, 0.4157, 0.4273
CMYK	0.00, 0.21, 0.22, 0.26
HSL	4°, 24%, 65%
HSV	4°, 22%, 74%
XYZ	36.6780, 34.2616, 31.8863
YIQ	160.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

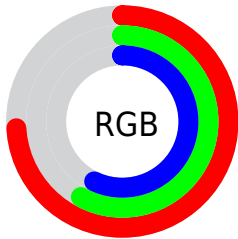
Format	Color
R _Y B	188, 149, 146
Decimal	12359058
CIE Lab	65.17, 14.15, 7.13
CIE LCh	65, 15.847, 26.752
Yxy	34.2616, 0.3567, 0.3332
Android (android.graphics.Color)	4290549138 (0xFFBC9592)
YUV	160.3190, -7.0593, 24.2762
Hunter-Lab	58.5334, 9.4176, 8.6749

Details

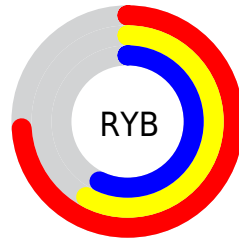
The Yxy color **34.2616, 0.3567, 0.3332** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4596, 0.2797, 0.3248**, and the grayscale version is **35.3354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2945, 0.3480, 0.3323**, and **14.6482, 0.3708, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **28.6053, 0.3841, 0.3352**, and if you desaturate by 10%, it is **40.8466, 0.3344, 0.3312**.

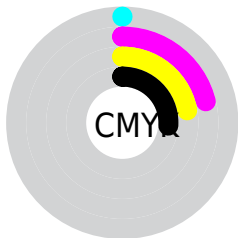
Distribution



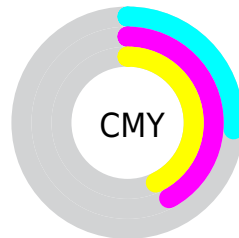
- Red (74%)
- Green (58%)
- Blue (57%)



- Red (74%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2616, 0.3567, 0.3332 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 34.2616, 0.3567, 0.3332 by changing the saturation by 10% instead.


 34.2616, 0.3567,
0.3332


 34.2616, 0.3567,
0.3332

321.2969, 0.3334,
0.3313

 23.0946, 0.3630,
0.3336


 66.3403, 0.3479,
0.3326

 14.6634, 0.3713,
0.3340


 88.0208, 0.3447,
0.3323

 8.5835, 0.3830,
0.3343


113.9746, 0.3420,
0.3321

 4.4705, 0.4003,
0.3346

144.5861, 0.3398,
0.3319

 1.9401, 0.4287,
0.3340

180.2397, 0.3378,
0.3318

 0.5723, 0.5610,
0.3606


221.3197, 0.3362,


 0.0000, 0.0000,


0.3316


0.0000


268.2107, 0.3347,
0.3315

 34.2616, 0.3567,
0.3332


 34.2616, 0.3567,
0.3332

 28.6053, 0.3841,
0.3352


 40.8466, 0.3344,
0.3312


 23.8315, 0.4173,
0.3372


 48.3945, 0.3164,
0.3294


 19.8970, 0.4565,
0.3388

 56.9435, 0.3018,
0.3277

 16.7533, 0.5006,
0.3399

 66.5283, 0.2899,
0.3262

 14.3469, 0.5463,
0.3398

 77.1821, 0.2802,
0.3248

■ 12.6175, 0.5882,
0.3385

■ 88.6868, 0.2740,
0.3276

■ 11.4953, 0.6195,
0.3358

■ 89.4324, 0.2742,
0.3289

■ 10.9877, 0.6350,
0.3340

Harmonies

Analogous

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



34.2616, 0.3397, 0.3130



34.2616, 0.3567, 0.3332



34.2616, 0.3614, 0.3532

Triad

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



34.2616, 0.3567, 0.3332



34.2616, 0.3084, 0.3643



34.2616, 0.2738, 0.2903

Complementary

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



34.2616, 0.3567, 0.3332



44.4596, 0.2797, 0.3248

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.



34.2616, 0.2663, 0.3021



34.2616, 0.3567, 0.3332



34.2616, 0.2857, 0.3454

Square

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



34.2616, 0.3567, 0.3332



34.2616, 0.3329, 0.3725



34.2616, 0.2706, 0.3222



34.2616, 0.2916, 0.2887

Rectangle

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



34.2616, 0.3567, 0.3332



34.2616, 0.3568, 0.3640



34.2616, 0.2706, 0.3222



34.2616, 0.2700, 0.2932

Sweetspot

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



34.2632, 0.3567, 0.3332



80.9291, 0.3246, 0.3303



34.7713, 0.3179, 0.2777



17.2277, 0.3256, 0.3304



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.



34.2632, 0.3567, 0.3332



56.6420, 0.3700, 0.3342



41.4498, 0.3508, 0.3610



9.6418, 0.3287, 0.3307



7.5227, 0.6339, 0.3348



0.3321, 0.6118, 0.3524

Inverse Universe

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



44.4596, 0.2797, 0.3248



78.5237, 0.2728, 0.3237



36.3751, 0.2775, 0.2947



10.6909, 0.2985, 0.3273



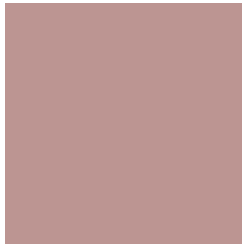
23.3152, 0.2186, 0.3070



0.9482, 0.2202, 0.3127

Previews

White Background



This preview shows how the Yxy color 34.2616, 0.3567, 0.3332 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 34.2616, 0.3567, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

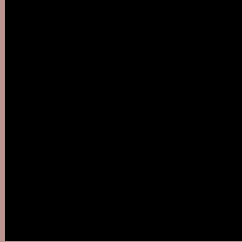
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2616, 0.3567, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 34.2616, 0.3567, 0.3332.



This preview shows how white text looks on a background with the Yxy color 34.2616, 0.3567, 0.3332.

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

34.2616, 0.3567, 0.3332

Protanopia

34.4746, 0.3240, 0.3394

Deuteranopia

34.4105, 0.3472, 0.3404



Tritanopia

34.1549, 0.3458, 0.3142

Trichromacy



Original Color

34.2616, 0.3567, 0.3332

Protanomaly

34.3833, 0.3355, 0.3377

Deuteranomaly

34.4459, 0.3506, 0.3389

Tritanomaly

34.3317, 0.3497, 0.3210

Monochromacy



Original Color

34.2616, 0.3567, 0.3332

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6895, 0.3276, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2616, 0.3567, 0.3332 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 146) }
```

Border

The CSS property to change the border of an element to Yxy 34.2616, 0.3567, 0.3332 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, 146) }
```

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

```
.border{ border-color:rgb(188, 149, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 146);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2616, 0.3567, 0.3332 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, 146) }
```

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

```
.background{ background-color: rgb(188,  
149, 146) }
```

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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