

Converting Colors

$Yxy(36.4860, 0.3336, 0.3137)$

Have a look what the booklet for
Yxy(36.4860, 0.3336, 0.3137)
contains.

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Color

Yxy(36.6350, 0.3333, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	BA9BA6
RGB	186, 155, 166
RGB Percent	73%, 61%, 65%
CMY	0.2704, 0.3922, 0.3490
CMYK	0.00, 0.17, 0.11, 0.27
HSL	339°, 18%, 67%
HSV	339°, 17%, 73%
XYZ	38.8620, 36.6350, 41.1007
YIQ	165.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

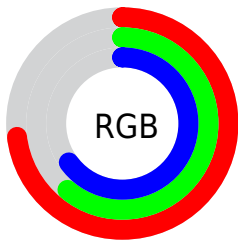
Format	Color
R_{YB}	186, 155, 166
Decimal	12229542
CIE Lab	67.00, 13.34, -1.43
CIE LCh	67, 13.415, 353.863
Yxy	36.6350, 0.3333, 0.3142
Android (android.graphics.Color)	4290419622 (0xFFBA9BA6)
YUV	165.5230, 0.2352, 17.9583
Hunter-Lab	60.5269, 8.6861, 2.1080

Details

The Yxy color **36.6350, 0.3333, 0.3142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2001, 0.2957, 0.3443**, and the grayscale version is **37.8873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1909, 0.3290, 0.3176**, and **16.1021, 0.3405, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **30.4942, 0.3493, 0.3048**, and if you desaturate by 10%, it is **43.7742, 0.3202, 0.3233**.

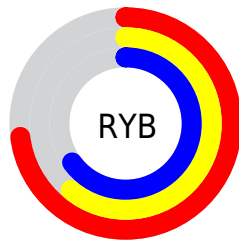
Distribution



Red (73%)

Green (61%)

Blue (65%)



Red (73%)

Yellow (61%)

Blue (65%)

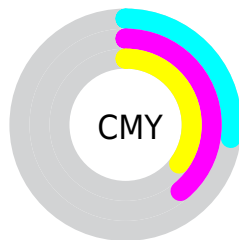


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6350, 0.3333, 0.3142 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 36.6350, 0.3333, 0.3142 by changing the saturation by 10% instead.


 36.6350, 0.3333,
0.3142


 36.6350, 0.3333,
0.3142


331.7276, 0.3226,
0.3219

 24.9250, 0.3361,
0.3122


 70.0111, 0.3293,
0.3170

 16.0212, 0.3398,
0.3096


 92.4459, 0.3279,
0.3181

 9.5392, 0.3448,
0.3060


119.2245, 0.3266,
0.3190

 5.0945, 0.3522,
0.3008

150.7313, 0.3256,
0.3197

 2.3028, 0.3640,
0.2927

187.3506, 0.3247,
0.3204

 0.7752, 0.3863,
0.2767

229.4668, 0.3239,

 0.0000, 1.0000,

0.3209

0.0000

277.4643, 0.3232,
0.3214

■ 0.0000, 0.0000,
0.0000

■ 36.6350, 0.3333,
0.3142

■ 36.6350, 0.3333,
0.3142

■ 30.4942, 0.3493,
0.3048

■ 43.7742, 0.3202,
0.3233

■ 25.3023, 0.3686,
0.2952

■ 51.9487, 0.3094,
0.3317

■ 21.0128, 0.3917,
0.2861

■ 61.1997, 0.3006,
0.3396

■ 17.5734, 0.4187,
0.2783

■ 71.5643, 0.2933,
0.3468

■ 14.9263, 0.4492,
0.2728

■ 83.0783, 0.2874,
0.3534

■ 13.0064, 0.4821,
0.2708

■ 88.1398, 0.2816,
0.3473

■ 11.7382, 0.5153,
0.2734

■ 88.8693, 0.2756,
0.3342

■ 11.0199, 0.5462,
0.2809

■ 89.1846, 0.2731,
0.3289

■ 10.8379, 0.5560,
0.2837

Harmonies

Analogous

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



36.6350, 0.3132, 0.3013



36.6350, 0.3333, 0.3142



36.6350, 0.3481, 0.3310

Triad

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



36.6350, 0.3333, 0.3142



36.6350, 0.3313, 0.3650



36.6350, 0.2740, 0.3082

Complementary

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



36.6350, 0.3333, 0.3142



45.2001, 0.2957, 0.3443

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.



36.6350, 0.2785, 0.3254



36.6350, 0.3333, 0.3142



36.6350, 0.3112, 0.3591

Square

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



36.6350, 0.3333, 0.3142



36.6350, 0.3468, 0.3605



36.6350, 0.2920, 0.3443



36.6350, 0.2794, 0.2975

Rectangle

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



36.6350, 0.3333, 0.3142



36.6350, 0.3526, 0.3425



36.6350, 0.2920, 0.3443



36.6350, 0.2744, 0.3134

Sweetspot

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



36.6366, 0.3333, 0.3142



81.5572, 0.3183, 0.3247



36.0600, 0.3039, 0.2869



17.7410, 0.3191, 0.3240



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.



36.6366, 0.3333, 0.3142



62.1185, 0.3388, 0.3108



37.6514, 0.3431, 0.3347



9.0634, 0.3234, 0.3209



7.3006, 0.5526, 0.2818



0.2694, 0.4802, 0.2419

Inverse Universe

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



36.6366, 0.3333, 0.3142



62.1185, 0.3388, 0.3108



43.9307, 0.2876, 0.3232



9.0634, 0.3234, 0.3209



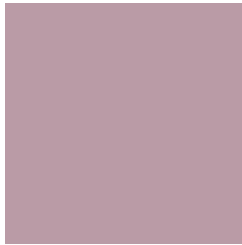
7.3006, 0.5526, 0.2818



0.2694, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 36.6350, 0.3333, 0.3142 looks on a white background.

Color Contrast Check

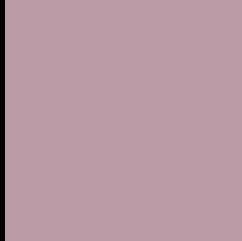
Large Text (above 18pt) WCAG AA × Fail

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 36.6350, 0.3333, 0.3142 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 36.6350, 0.3333, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 36.6350, 0.3333, 0.3142.



This preview shows how white text looks on a background with the Yxy color 36.6350, 0.3333, 0.3142.

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

36.6350, 0.3333, 0.3142

Protanopia

36.6355, 0.3076, 0.3176

Deuteranopia

36.6353, 0.3258, 0.3194



Tritanopia

36.6718, 0.3323, 0.3129

Trichromacy



Original Color

36.6350, 0.3333, 0.3142

Protanomaly

36.4315, 0.3163, 0.3150

Deuteranomaly

36.6543, 0.3289, 0.3181

Tritanomaly

36.6718, 0.3323, 0.3129

Monochromacy



Original Color

36.6350, 0.3333, 0.3142

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4781, 0.3196, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6350, 0.3333, 0.3142 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(186, 155, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 166)  
}
```

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(186, 155, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 166) }
```

Border

The CSS property to change the border of an element to Yxy 36.6350, 0.3333, 0.3142 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(186, 155, 166) }
```

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

```
.border{ border-color:rgb(186, 155, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 155, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 155, 166); box-shadow:4px 4px 4px 4px rgb(186, 155, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6350, 0.3333, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 166) }
```

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

```
.background{ background-color: rgb(186,  
155, 166) }
```

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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