

Converting Colors

$Yxy(34.1375, 0.3505, 0.3277)$

Have a look what the booklet for
Yxy(34.1375, 0.3505, 0.3277)
contains.

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Color

Yxy(34.1360, 0.3505, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BA9596
RGB	186, 149, 150
RGB Percent	73%, 58%, 59%
CMY	0.2704, 0.4157, 0.4117
CMYK	0.00, 0.20, 0.19, 0.27
HSL	358°, 21%, 66%
HSV	358°, 20%, 73%
XYZ	36.5110, 34.1360, 33.5214
YIQ	160.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

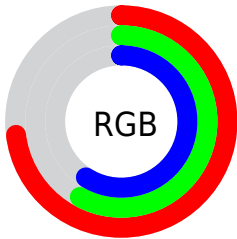
Format	Color
RYB	186, 149, 150
Decimal	12227990
CIELab	65.07, 14.03, 4.73
CIELCh	65, 14.802, 18.635
Yxy	34.1360, 0.3505, 0.3277
Android (android.graphics.Color)	4290418070 (0xFFBA9596)
YUV	160.1770, -5.0173, 22.6468
Hunter-Lab	58.4260, 9.3010, 6.8811

Details

The Yxy color **34.1360, 0.3505, 0.3277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0298, 0.2841, 0.3303**, and the grayscale version is **35.2583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1262, 0.3434, 0.3280**, and **14.5418, 0.3631, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **28.1754, 0.3767, 0.3270**, and if you desaturate by 10%, it is **41.1300, 0.3295, 0.3284**.

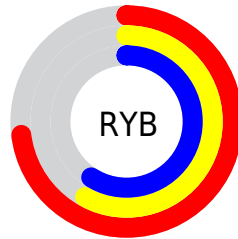
Distribution



Red (73%)

Green (58%)

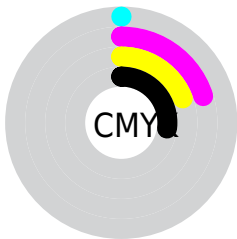
Blue (59%)



Red (73%)

Yellow (58%)

Blue (59%)

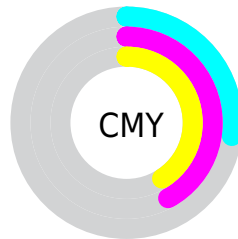


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1360, 0.3505, 0.3277 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 34.1360, 0.3505, 0.3277 by changing the saturation by 10% instead.


 34.1360, 0.3505,
0.3277


 34.1360, 0.3505,
0.3277


320.7380, 0.3305,
0.3286

 22.9981, 0.3559,
0.3274


 66.1451, 0.3430,
0.3281

 14.5921, 0.3630,
0.3269


 87.7851, 0.3402,
0.3282

 8.5336, 0.3730,
0.3261


113.6946, 0.3379,
0.3283

 4.4383, 0.3880,
0.3247

144.2579, 0.3360,
0.3284

 1.9216, 0.4125,
0.3219

179.8596, 0.3343,
0.3285

 0.5613, 0.5101,
0.3267


220.8839, 0.3329,


 0.0000, 0.0000,


0.3285


0.0000


267.7152, 0.3316,
0.3286


 34.1360, 0.3505,
0.3277


 34.1360, 0.3505,
0.3277


 28.1754, 0.3767,
0.3270


 41.1300, 0.3295,
0.3284

 23.1949, 0.4089,
0.3264


 49.1983, 0.3126,
0.3290


 19.1434, 0.4475,
0.3259

 58.3851, 0.2991,
0.3296

 15.9635, 0.4918,
0.3256

 68.7307, 0.2881,
0.3301

 13.5912, 0.5388,
0.3258

 80.2737, 0.2793,
0.3306

■ 11.9538, 0.5828,
0.3264

■ 89.1850, 0.2731,
0.3289

■ 10.9658, 0.6169,
0.3276

■ 10.4598, 0.6371,
0.3284

■ 10.4563, 0.6372,
0.3284

Harmonies

Analogous

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



34.1360, 0.3322, 0.3094



34.1360, 0.3505, 0.3277



34.1360, 0.3583, 0.3470

Triad

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



34.1360, 0.3505, 0.3277



34.1360, 0.3150, 0.3652



34.1360, 0.2733, 0.2949

Complementary

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



34.1360, 0.3505, 0.3277



45.0298, 0.2841, 0.3303

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.



34.1360, 0.2692, 0.3084



34.1360, 0.3505, 0.3277



34.1360, 0.2927, 0.3498

Square

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



34.1360, 0.3505, 0.3277



34.1360, 0.3373, 0.3697



34.1360, 0.2762, 0.3285



34.1360, 0.2877, 0.2907

Rectangle

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



34.1360, 0.3505, 0.3277



34.1360, 0.3564, 0.3581



34.1360, 0.2762, 0.3285



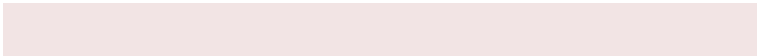
34.1360, 0.2707, 0.2984

Sweetspot

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



34.1376, 0.3505, 0.3277



79.8595, 0.3226, 0.3286



35.3284, 0.3138, 0.2801



17.3801, 0.3237, 0.3286



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.



34.1376, 0.3505, 0.3277



56.7812, 0.3615, 0.3274



39.9892, 0.3471, 0.3525



9.0161, 0.3283, 0.3284



7.0325, 0.6365, 0.3280



0.2493, 0.6223, 0.3202

Inverse Universe

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



34.1376, 0.3505, 0.3277



56.7812, 0.3615, 0.3274



38.2190, 0.2818, 0.3043



9.0161, 0.3283, 0.3284



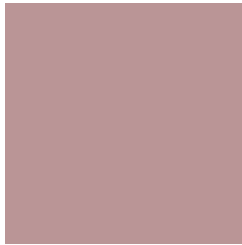
7.0325, 0.6365, 0.3280



0.2493, 0.6223, 0.3202

Previews

White Background



This preview shows how the Yxy color 34.1360, 0.3505, 0.3277 looks on a white background.

Color Contrast Check

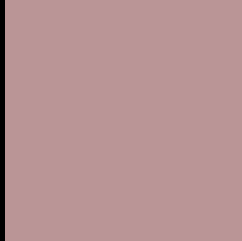
Large Text (above 18pt) WCAG AA × Fail

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 34.1360, 0.3505, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

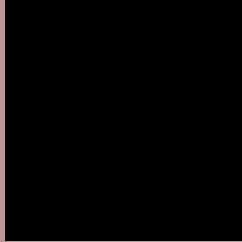
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1360, 0.3505, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 34.1360, 0.3505, 0.3277.



This preview shows how white text looks on a background with the Yxy color 34.1360, 0.3505, 0.3277.

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

34.1360, 0.3505, 0.3277

Protanopia

34.1619, 0.3194, 0.3320

Deuteranopia

34.2995, 0.3411, 0.3348



Tritanopia

34.2478, 0.3425, 0.3141

Trichromacy



Original Color

34.1360, 0.3505, 0.3277

Protanomaly

34.0690, 0.3308, 0.3305

Deuteranomaly

34.3297, 0.3444, 0.3333

Tritanomaly

34.1449, 0.3456, 0.3182

Monochromacy



Original Color

34.1360, 0.3505, 0.3277

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6123, 0.3256, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1360, 0.3505, 0.3277 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 150)  
}
```

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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.1360, 0.3505, 0.3277 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, 149, 150) }
```

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

```
.border{ border-color:rgb(186, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(186, 149,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1360, 0.3505, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 150) }
```

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

```
.background{ background-color: rgb(186,  
149, 150) }
```

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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