

Converting Colors

$Yxy(34.4218, 0.3564, 0.3360)$

Have a look what the booklet for
Yxy(34.4218, 0.3564, 0.3360)
contains.

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Color

Yxy(34.4218, 0.3564, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	BB9691
RGB	187, 150, 145
RGB Percent	73%, 59%, 57%
CMY	0.2667, 0.4118, 0.4313
CMYK	0.00, 0.20, 0.22, 0.27
HSL	7°, 24%, 65%
HSV	7°, 22%, 73%
XYZ	36.5117, 34.4218, 31.5123
YIQ	160.4930, 23.6570, 6.2890

Conversions

Conversions Part 2

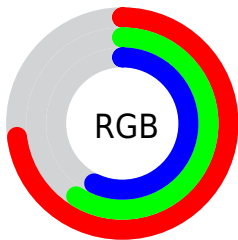
Format	Color
R_{YB}	187, 151, 145
Decimal	12293777
CIE _{Lab}	65.30, 13.06, 7.87
CIE _{LCh}	65, 15.246, 31.090
Yxy	34.4218, 0.3564, 0.3360
Android (android.graphics.Color)	4290483857 (0xFFBB9691)
YUV	160.4930, -7.6380, 23.2466
Hunter-Lab	58.6701, 8.4118, 9.2238

Details

The Yxy color **34.4218, 0.3564, 0.3360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0695, 0.2794, 0.3219**, and the grayscale version is **35.4223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5423, 0.3478, 0.3344**, and **14.7364, 0.3703, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **28.9987, 0.3831, 0.3393**, and if you desaturate by 10%, it is **40.6825, 0.3345, 0.3328**.

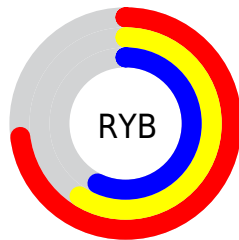
Distribution



Red (73%)

Green (59%)

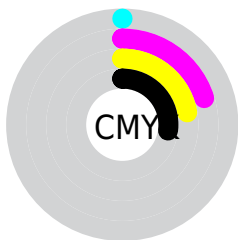
Blue (57%)



Red (73%)

Yellow (59%)

Blue (57%)

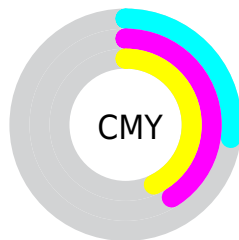


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4218, 0.3564, 0.3360 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 34.4218, 0.3564, 0.3360 by changing the saturation by 10% instead.

 34.4218, 0.3564,
0.3360


 34.4218, 0.3564,
0.3360


322.0088, 0.3333,
0.3327

 23.2178, 0.3626,
0.3367


 66.5891, 0.3477,
0.3348

 14.7544, 0.3709,
0.3377


 88.3211, 0.3445,
0.3344

 8.6472, 0.3824,
0.3387


114.3314, 0.3419,
0.3340

 4.5118, 0.3996,
0.3400

145.0042, 0.3396,
0.3337

 1.9638, 0.4276,
0.3410

180.7239, 0.3377,
0.3334

 0.5863, 0.5652,
0.3781


221.8750, 0.3360,

 0.0000, 0.0000,

0.3331

0.0000


268.8418, 0.3346,
0.3329

 34.4218, 0.3564,
0.3360


 34.4218, 0.3564,
0.3360


 28.9987, 0.3831,
0.3393


 40.6825, 0.3345,
0.3328


 24.3731, 0.4153,
0.3426

 47.8093, 0.3166,
0.3297


 20.5089, 0.4531,
0.3453

 55.8352, 0.3020,
0.3269

 17.3649, 0.4954,
0.3471

 64.7900, 0.2900,
0.3244

 14.8963, 0.5397,
0.3473

 74.7022, 0.2801,
0.3221

■ 13.0534, 0.5809,
0.3454

■ 85.4556, 0.2730,
0.3223

■ 11.7791, 0.6131,
0.3412

■ 89.3051, 0.2736,
0.3289

■ 11.1475, 0.6301,
0.3379

Harmonies

Analogous

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



34.4218, 0.3415, 0.3162



34.4218, 0.3564, 0.3360



34.4218, 0.3590, 0.3548

Triad

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



34.4218, 0.3564, 0.3360



34.4218, 0.3052, 0.3608



34.4218, 0.2772, 0.2910

Complementary

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



34.4218, 0.3564, 0.3360



43.0695, 0.2794, 0.3219

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.



34.4218, 0.2684, 0.3010



34.4218, 0.3564, 0.3360



34.4218, 0.2841, 0.3416

Square

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



34.4218, 0.3564, 0.3360



34.4218, 0.3288, 0.3704



34.4218, 0.2709, 0.3194



34.4218, 0.2955, 0.2908

Rectangle

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



34.4218, 0.3564, 0.3360



34.4218, 0.3534, 0.3644



34.4218, 0.2709, 0.3194



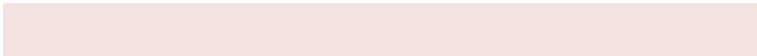
34.4218, 0.2731, 0.2932

Sweetspot

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



34.4234, 0.3564, 0.3360



79.4805, 0.3245, 0.3311



34.2013, 0.3199, 0.2800



17.3335, 0.3255, 0.3313



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.



34.4234, 0.3564, 0.3360



56.6270, 0.3691, 0.3377



41.7001, 0.3504, 0.3639



9.7141, 0.3285, 0.3318



7.7379, 0.6287, 0.3390



0.3641, 0.5951, 0.3657

Inverse Universe

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



43.0695, 0.2794, 0.3219



74.8718, 0.2724, 0.3201



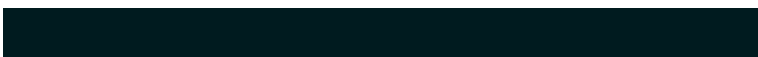
35.1365, 0.2771, 0.2914



10.6107, 0.2985, 0.3262



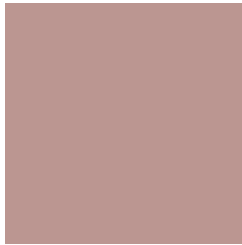
21.0273, 0.2143, 0.2916



0.8790, 0.2170, 0.3013

Previews

White Background



This preview shows how the Yxy color 34.4218, 0.3564, 0.3360 looks on a white background.

Color Contrast Check

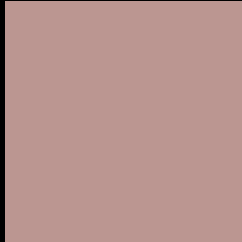
Large Text (above 18pt) WCAG AA × Fail

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 34.4218, 0.3564, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

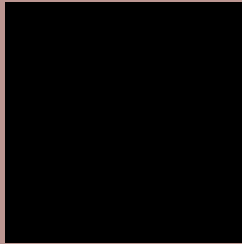
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4218, 0.3564, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 34.4218, 0.3564, 0.3360.



This preview shows how white text looks on a background with the Yxy color 34.4218, 0.3564, 0.3360.

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

34.4218, 0.3564, 0.3360

Protanopia

34.5162, 0.3269, 0.3423

Deuteranopia

34.3798, 0.3482, 0.3418



Tritanopia

34.5018, 0.3446, 0.3142

Trichromacy



Original Color

34.4218, 0.3564, 0.3360

Protanomaly

34.3515, 0.3365, 0.3392

Deuteranomaly

34.4152, 0.3516, 0.3403

Tritanomaly

34.5194, 0.3484, 0.3223

Monochromacy



Original Color

34.4218, 0.3564, 0.3360

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 34.4218, 0.3564, 0.3360 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(187, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(187, 150, 145)  
}
```

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(187, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 150, 145) }
```

Border

The CSS property to change the border of an element to Yxy 34.4218, 0.3564, 0.3360 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(187, 150, 145) }
```

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

```
.border{ border-color:rgb(187, 150, 145) }
```

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

Here you see how a box with a 4 pixel rgb(187, 150, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(187, 150,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4218, 0.3564, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 150, 145) }
```

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

```
.background{ background-color: rgb(187,  
150, 145) }
```

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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