

Converting Colors

$Yxy(34.6506, 0.3493, 0.3403)$

Have a look what the booklet for
Yxy(34.6506, 0.3493, 0.3403)
contains.

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Color

Yxy(34.6506, 0.3493, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	B59991
RGB	181, 153, 145
RGB Percent	71%, 60%, 57%
CMY	0.2900, 0.4001, 0.4313
CMYK	0.00, 0.15, 0.20, 0.29
HSL	13°, 20%, 64%
HSV	13°, 20%, 71%
XYZ	35.5670, 34.6506, 31.6061
YIQ	160.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

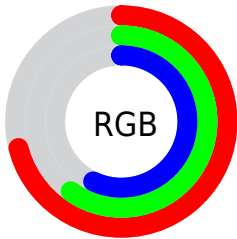
Format	Color
R_{YB}	181, 155, 145
Decimal	11901329
CIE Lab	65.48, 9.12, 8.05
CIE LCh	65, 12.165, 41.443
Yxy	34.6506, 0.3493, 0.3403
Android (android.graphics.Color)	4290091409 (0xFFB59991)
YUV	160.4600, -7.6218, 18.0136
Hunter-Lab	58.8648, 4.8392, 9.3709

Details

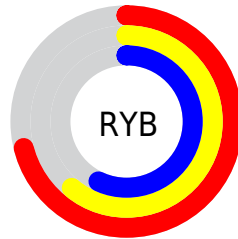
The Yxy color **34.6506, 0.3493, 0.3403** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2743, 0.2827, 0.3174**, and the grayscale version is **35.4095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7537, 0.3417, 0.3377**, and **14.9182, 0.3612, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **29.7922, 0.3733, 0.3464**, and if you desaturate by 10%, it is **40.1465, 0.3292, 0.3344**.

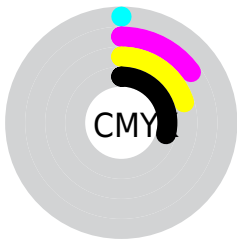
Distribution



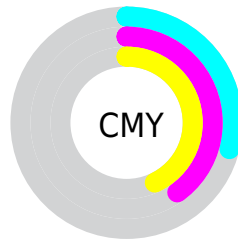
- Red (71%)
- Green (60%)
- Blue (57%)



- Red (71%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6506, 0.3493, 0.3403 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 34.6506, 0.3493, 0.3403 by changing the saturation by 10% instead.


 34.6506, 0.3493,
0.3403

 34.6506, 0.3493,
0.3403


323.0234, 0.3300,
0.3346

 23.3939, 0.3545,
0.3417


 66.9441, 0.3420,
0.3382

 14.8846, 0.3614,
0.3435


 88.7497, 0.3394,
0.3375

 8.7384, 0.3710,
0.3459


114.8404, 0.3371,
0.3368

 4.5710, 0.3852,
0.3491

145.6005, 0.3353,
0.3363

 1.9978, 0.4085,
0.3536

181.4144, 0.3337,
0.3358

 0.6062, 0.5318,
0.4036


222.6666, 0.3323,

 0.0000, 0.0000,


0.3353


0.0000

269.7415, 0.3311,
0.3350


 34.6506, 0.3493,
0.3403


 34.6506, 0.3493,
0.3403

 29.7922, 0.3733,
0.3464

 40.1465, 0.3292,
0.3344


 25.5434, 0.4018,
0.3524


 46.2970, 0.3126,
0.3290


 21.8812, 0.4351,
0.3580

 53.1246, 0.2987,
0.3239

 18.7795, 0.4725,
0.3623

 60.6492, 0.2871,
0.3193

 16.2099, 0.5125,
0.3644

 68.8899, 0.2774,
0.3151

■ 14.1415, 0.5519,
0.3633

■ 77.8650, 0.2692,
0.3113

■ 12.5402, 0.5865,
0.3585

■ 86.4663, 0.2702,
0.3253

■ 11.3609, 0.6132,
0.3512

■ 88.5695, 0.2706,
0.3289

■ 11.3514, 0.6134,
0.3512

Harmonies

Analogous

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



34.6506, 0.3406, 0.3242



34.6506, 0.3493, 0.3403



34.6506, 0.3478, 0.3541

Triad

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



34.6506, 0.3493, 0.3403



34.6506, 0.3005, 0.3495



34.6506, 0.2887, 0.2976

Complementary

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



34.6506, 0.3493, 0.3403



39.2743, 0.2827, 0.3174

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.



34.6506, 0.2787, 0.3031



34.6506, 0.3493, 0.3403



34.6506, 0.2854, 0.3330

Square

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



34.6506, 0.3493, 0.3403



34.6506, 0.3193, 0.3601



34.6506, 0.2775, 0.3159



34.6506, 0.3053, 0.3001

Rectangle

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



34.6506, 0.3493, 0.3403



34.6506, 0.3413, 0.3600



34.6506, 0.2775, 0.3159



34.6506, 0.2845, 0.2985

Sweetspot

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



34.6522, 0.3493, 0.3403



75.9067, 0.3225, 0.3323



33.1104, 0.3225, 0.2905



16.2571, 0.3236, 0.3327



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.



34.6522, 0.3493, 0.3403



57.9754, 0.3596, 0.3430



40.9387, 0.3447, 0.3645



8.8002, 0.3282, 0.3341



7.9082, 0.6114, 0.3528



0.3356, 0.5584, 0.3948

Inverse Universe

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



39.2743, 0.2827, 0.3174



67.7924, 0.2761, 0.3145



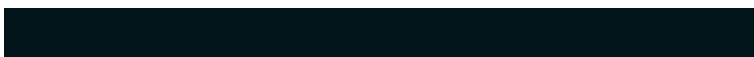
32.8756, 0.2811, 0.2908



9.3061, 0.2986, 0.3238



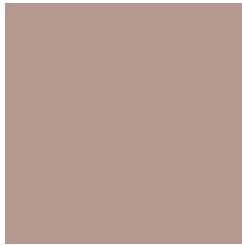
15.5276, 0.2048, 0.2572



0.5677, 0.2110, 0.2794

Previews

White Background



This preview shows how the Yxy color 34.6506, 0.3493, 0.3403 looks on a white background.

Color Contrast Check

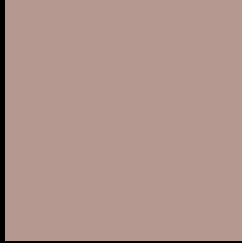
Large Text (above 18pt) WCAG AA × Fail

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 34.6506, 0.3493, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

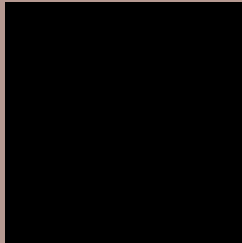
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6506, 0.3493, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 34.6506, 0.3493, 0.3403.



This preview shows how white text looks on a background with the Yxy color 34.6506, 0.3493, 0.3403.

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

34.6506, 0.3493, 0.3403

Protanopia

34.9337, 0.3287, 0.3452

Deuteranopia

34.5301, 0.3482, 0.3404



Tritanopia

34.4886, 0.3349, 0.3126

Trichromacy



Original Color

34.6506, 0.3493, 0.3403

Protanomaly

34.8785, 0.3360, 0.3435

Deuteranomaly

34.5301, 0.3482, 0.3404

Tritanomaly

34.4786, 0.3397, 0.3221

Monochromacy



Original Color

34.6506, 0.3493, 0.3403

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8053, 0.3254, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6506, 0.3493, 0.3403 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(181, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 153, 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(181, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 153, 145) }
```

Border

The CSS property to change the border of an element to Yxy 34.6506, 0.3493, 0.3403 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(181, 153, 145) }
```

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

```
.border{ border-color:rgb(181, 153, 145) }
```

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

Here you see how a box with a 4 pixel rgb(181, 153, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 153,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6506, 0.3493, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 153, 145) }
```

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

```
.background{ background-color: rgb(181,  
153, 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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