

Converting Colors

$Yxy(34.6408, 0.3301, 0.3392)$

Have a look what the booklet for
Yxy(34.6408, 0.3301, 0.3392)
contains.

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Color

Yxy(34.6408, 0.3301, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	A89D96
RGB	168, 157, 150
RGB Percent	66%, 62%, 59%
CMY	0.3412, 0.3843, 0.4117
CMYK	0.00, 0.07, 0.11, 0.34
HSL	23°, 9%, 62%
HSV	23°, 11%, 66%
XYZ	33.7115, 34.6408, 33.7727
YIQ	159.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

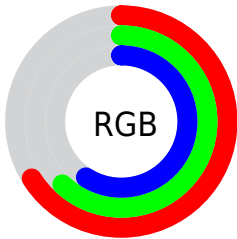
Format	Color
RYB	168, 161, 150
Decimal	11050390
CIELab	65.47, 2.77, 5.08
CIELCh	65, 5.787, 61.358
Yxy	34.6408, 0.3301, 0.3392
Android (android.graphics.Color)	4289240470 (0xFFA89D96)
YUV	159.4910, -4.6791, 7.4624
Hunter-Lab	58.8564, -0.7585, 7.1780

Details

The Yxy color **34.6408, 0.3301, 0.3392** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8093, 0.2965, 0.3186**, and the grayscale version is **34.9276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1346, 0.3265, 0.3379**, and **14.9219, 0.3363, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **30.8068, 0.3491, 0.3493**, and if you desaturate by 10%, it is **38.8479, 0.3138, 0.3296**.

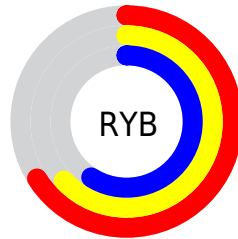
Distribution



Red (66%)

Green (62%)

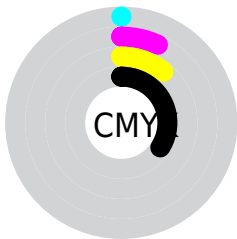
Blue (59%)



Red (66%)

Yellow (63%)

Blue (59%)

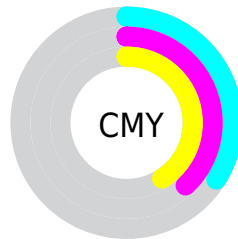


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6408, 0.3301, 0.3392 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 34.6408, 0.3301, 0.3392 by changing the saturation by 10% instead.


 34.6408, 0.3301,
0.3392


 34.6408, 0.3301,
0.3392


322.9800, 0.3210,
0.3339

 23.3863, 0.3325,
0.3406


 66.9289, 0.3267,
0.3372

 14.8790, 0.3358,
0.3424


 88.7314, 0.3254,
0.3365

 8.7345, 0.3403,
0.3450


114.8186, 0.3244,
0.3359

 4.5684, 0.3470,
0.3486

145.5749, 0.3235,
0.3354

 1.9963, 0.3581,
0.3545

181.3849, 0.3227,
0.3349

 0.6053, 0.4142,
0.3899

222.6328, 0.3220,

 0.0000, 0.0000,

0.3345

0.0000

269.7030, 0.3215,
0.3342

■ 34.6408, 0.3301,
0.3392

■ 34.6408, 0.3301,
0.3392

■ 30.8068, 0.3491,
0.3493

■ 38.8479, 0.3138,
0.3296

■ 27.3310, 0.3711,
0.3598

■ 43.4336, 0.2998,
0.3208

■ 24.2039, 0.3963,
0.3702

■ 48.4090, 0.2878,
0.3126

■ 21.4138, 0.4246,
0.3799

■ 53.7833, 0.2775,
0.3051

■ 18.9487, 0.4555,
0.3880

■ 59.5655, 0.2686,
0.2982

■ 16.7952, 0.4878,
0.3933

■ 65.7641, 0.2609,
0.2920

■ 14.9393, 0.5196,
0.3947

■ 71.5478, 0.2604,
0.2995

■ 13.3652, 0.5484,
0.3911

■ 77.4019, 0.2619,
0.3113

■ 12.1325, 0.5717,
0.3842

■ 83.5982, 0.2634,
0.3228

Harmonies

Analogous

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



34.6408, 0.3291, 0.3321



34.6408, 0.3301, 0.3392



34.6408, 0.3263, 0.3437

Triad

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



34.6408, 0.3301, 0.3392



34.6408, 0.3018, 0.3337



34.6408, 0.3064, 0.3142

Complementary

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



34.6408, 0.3301, 0.3392



34.8093, 0.2965, 0.3186

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.



34.6408, 0.2992, 0.3144



34.6408, 0.3301, 0.3392



34.6408, 0.2966, 0.3256

Square

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



34.6408, 0.3301, 0.3392



34.6408, 0.3099, 0.3407



34.6408, 0.2956, 0.3185



34.6408, 0.3153, 0.3178

Rectangle

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



34.6408, 0.3301, 0.3392



34.6408, 0.3217, 0.3446



34.6408, 0.2956, 0.3185



34.6408, 0.3037, 0.3138

Sweetspot

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



34.6423, 0.3301, 0.3392



68.6380, 0.3174, 0.3318



32.7216, 0.3205, 0.3130



14.8265, 0.3186, 0.3326



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6423, 0.3301, 0.3392



61.0352, 0.3347, 0.3417



37.7639, 0.3286, 0.3518



8.0022, 0.3276, 0.3378



9.2558, 0.5700, 0.3856



0.3249, 0.5101, 0.4331

Inverse Universe

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



34.8093, 0.2965, 0.3186



61.4033, 0.2926, 0.3159



31.8086, 0.2963, 0.3051



8.0355, 0.2987, 0.3200



9.5264, 0.1886, 0.1989



0.3266, 0.2019, 0.2468

Previews

White Background



This preview shows how the Yxy color 34.6408, 0.3301, 0.3392 looks on a white background.

Color Contrast Check

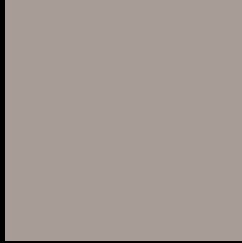
Large Text (above 18pt) WCAG AA × Fail

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 34.6408, 0.3301, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

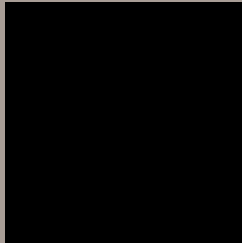
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6408, 0.3301, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 34.6408, 0.3301, 0.3392.

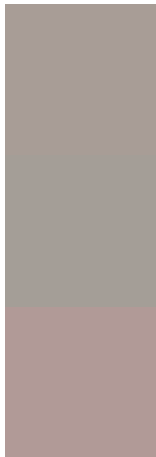


This preview shows how white text looks on a background with the Yxy color 34.6408, 0.3301, 0.3392.

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

34.6408, 0.3301, 0.3392

Protanopia

34.5806, 0.3250, 0.3393

Deuteranopia

34.6927, 0.3389, 0.3333



Tritanopia

34.4473, 0.3165, 0.3106

Trichromacy



Original Color

34.6408, 0.3301, 0.3392

Protanomaly

34.6874, 0.3260, 0.3393

Deuteranomaly

34.6757, 0.3356, 0.3348

Tritanomaly

34.4509, 0.3210, 0.3204

Monochromacy



Original Color

34.6408, 0.3301, 0.3392

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5354, 0.3184, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6408, 0.3301, 0.3392 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(168, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 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(168, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.6408, 0.3301, 0.3392 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(168, 157, 150) }
```

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

```
.border{ border-color:rgb(168, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6408, 0.3301, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 150) }
```

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

```
.background{ background-color: rgb(168,  
157, 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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