

Converting Colors

$Yxy(34.6594, 0.3326, 0.3713)$

Have a look what the booklet for
Yxy(34.6594, 0.3326, 0.3713)
contains.

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Color

Yxy(34.7300, 0.3330, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	9DA286
RGB	157, 162, 134
RGB Percent	62%, 64%, 53%
CMY	0.3843, 0.3647, 0.4744
CMYK	0.03, 0.00, 0.17, 0.36
HSL	71°, 13%, 58%
HSV	71°, 17%, 64%
XYZ	31.1308, 34.7300, 27.6251
YIQ	157.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

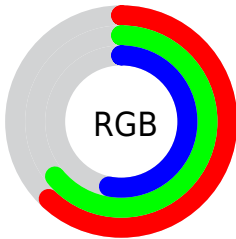
Format	Color
RYB	134, 162, 139
Decimal	10330758
CIELab	65.54, -6.80, 13.97
CIELCh	66, 15.537, 115.953
Yxy	34.7300, 0.3330, 0.3715
Android (android.graphics.Color)	4288520838 (0xFF9DA286)
YUV	157.3130, -11.4933, -0.2745
Hunter-Lab	58.9322, -8.8390, 13.4597

Details

The Yxy color **34.7300, 0.3330, 0.3715** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.1552, 0.2903, 0.2841**, and the grayscale version is **33.9180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2106, 0.3295, 0.3635**, and **14.8561, 0.3404, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **34.0263, 0.3448, 0.3973**, and if you desaturate by 10%, it is **35.5129, 0.3212, 0.3465**.

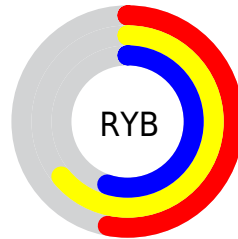
Distribution



Red (62%)

Green (64%)

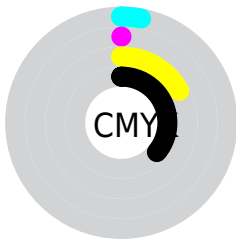
Blue (53%)



Red (53%)

Yellow (64%)

Blue (55%)

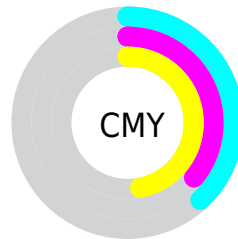


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7300, 0.3330, 0.3715 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 34.7300, 0.3330, 0.3715 by changing the saturation by 10% instead.


 34.7300, 0.3330,
0.3715


 34.7300, 0.3330,
0.3715


323.3750, 0.3225,
0.3489


 23.4550, 0.3357,
0.3776


 67.0673, 0.3291,
0.3629

 14.9298, 0.3392,
0.3858


 88.8983, 0.3277,
0.3598

 8.7701, 0.3439,
0.3972


 115.0168, 0.3265,
0.3572

 4.5916, 0.3505,
0.4142

145.8072, 0.3255,
0.3551

 2.0097, 0.3604,
0.4423

181.6538, 0.3246,
0.3532

 0.6131, 0.4047,
0.5953

222.9410, 0.3238,

 0.0000, 0.0000,

0.3516

0.0000

270.0533, 0.3231,
0.3501

■ 34.7300, 0.3330,
0.3715

■ 34.7300, 0.3330,
0.3715

■ 34.0263, 0.3448,
0.3973

■ 35.5129, 0.3212,
0.3465

■ 33.3940, 0.3561,
0.4230

■ 36.3733, 0.3096,
0.3226

■ 32.8312, 0.3664,
0.4480

■ 37.3157, 0.2985,
0.3003

■ 32.3342, 0.3753,
0.4710

■ 38.3427, 0.2880,
0.2797

■ 31.8989, 0.3822,
0.4912

■ 39.4569, 0.2782,
0.2609

■ 31.5206, 0.3868,
0.5077

■ 40.6606, 0.2692,
0.2437

■ 31.1940, 0.3888,
0.5198

■ 41.9562, 0.2609,
0.2282

■ 30.9105, 0.3886,
0.5278

■ 42.7780, 0.2584,
0.2218

■ 30.8363, 0.3885,
0.5298

■ 43.1286, 0.2604,
0.2224

Harmonies

Analogous

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



34.7300, 0.3519, 0.3668



34.7300, 0.3330, 0.3715



34.7300, 0.3092, 0.3638

Triad

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



34.7300, 0.3330, 0.3715



34.7300, 0.2673, 0.3032



34.7300, 0.3385, 0.3129

Complementary

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



34.7300, 0.3330, 0.3715



25.1552, 0.2903, 0.2841

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.



34.7300, 0.3149, 0.2974



34.7300, 0.3330, 0.3715



34.7300, 0.2744, 0.2914

Square

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



34.7300, 0.3330, 0.3715



34.7300, 0.2718, 0.3230



34.7300, 0.2915, 0.2896



34.7300, 0.3553, 0.3326

Rectangle

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



34.7300, 0.3330, 0.3715



34.7300, 0.2938, 0.3525



34.7300, 0.2915, 0.2896



34.7300, 0.3310, 0.3070

Sweetspot

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



34.7315, 0.3330, 0.3715



64.7993, 0.3186, 0.3412



27.7776, 0.3437, 0.3363



14.5308, 0.3194, 0.3428



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.7315, 0.3330, 0.3715



62.5083, 0.3379, 0.3821



33.4331, 0.3195, 0.3733



8.1731, 0.3235, 0.3514



24.3106, 0.3887, 0.5295



0.5266, 0.4006, 0.5201

Inverse Universe

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



25.1552, 0.2903, 0.2841



41.5767, 0.2841, 0.2721



26.4059, 0.3046, 0.2860



6.9179, 0.3013, 0.3060



2.2737, 0.1593, 0.0651



0.0637, 0.1890, 0.0815

Previews

White Background



This preview shows how the Yxy color 34.7300, 0.3330, 0.3715 looks on a white background.

Color Contrast Check

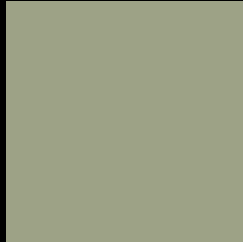
Large Text (above 18pt) WCAG AA × Fail

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 34.7300, 0.3330, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

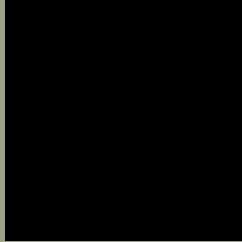
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

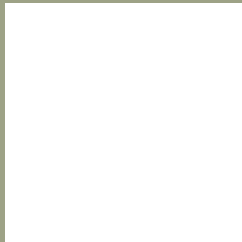
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7300, 0.3330, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 34.7300, 0.3330, 0.3715.



This preview shows how white text looks on a background with the Yxy color 34.7300, 0.3330, 0.3715.

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

34.7300, 0.3330, 0.3715

Protanopia

34.7870, 0.3468, 0.3688

Deuteranopia

34.6273, 0.3605, 0.3530



Tritanopia

34.6599, 0.3068, 0.3117

Trichromacy



Original Color

34.7300, 0.3330, 0.3715

Protanomaly

34.7276, 0.3415, 0.3693

Deuteranomaly

34.5249, 0.3510, 0.3594

Tritanomaly

34.6702, 0.3164, 0.3334

Monochromacy



Original Color

34.7300, 0.3330, 0.3715

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1343, 0.3198, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7300, 0.3330, 0.3715 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(157, 162, 134)` looks like.

```
.text, #text, p{  
    color:rgb(157, 162, 134)  
}
```

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(157, 162, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 162, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.7300, 0.3330, 0.3715 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(157, 162, 134) }
```

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

```
.border{ border-color:rgb(157, 162, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 162, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 162, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 162, 134); box-shadow:4px 4px 4px 4px rgb(157, 162, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7300, 0.3330, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 162, 134) }
```

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

```
.background{ background-color: rgb(157,  
162, 134) }
```

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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