

Converting Colors

$Y_{xy}(34.7534, 0.3359, 0.3528)$

Have a look what the booklet for
Yxy(34.7534, 0.3359, 0.3528)
contains.

Yxy(34.6222, 0.3365, 0.3526)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.6222, 0.3365, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	A79E8E
RGB	167, 158, 142
RGB Percent	65%, 62%, 56%
CMY	0.3452, 0.3803, 0.4432
CMYK	0.00, 0.05, 0.15, 0.35
HSL	38°, 12%, 61%
HSV	38°, 15%, 65%
XYZ	33.0413, 34.6222, 30.5276
YIQ	158.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

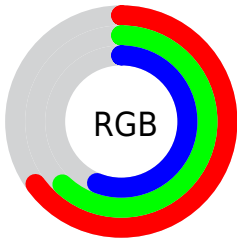
Format	Color
RYB	156, 167, 142
Decimal	10985102
CIELab	65.45, 0.48, 9.54
CIELCh	65, 9.548, 87.144
Yxy	34.6222, 0.3365, 0.3526
Android (android.graphics.Color)	4289175182 (0xFFA79E8E)
YUV	158.8670, -8.3154, 7.1326
Hunter-Lab	58.8406, -2.7364, 10.4277

Details

The Yxy color **34.6222, 0.3365, 0.3526** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6573, 0.2896, 0.3042**, and the grayscale version is **34.6413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1036, 0.3313, 0.3481**, and **14.9329, 0.3440, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **32.1648, 0.3545, 0.3692**, and if you desaturate by 10%, it is **37.2574, 0.3202, 0.3366**.

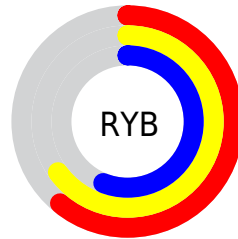
Distribution



Red (65%)

Green (62%)

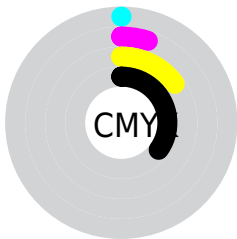
Blue (56%)



Red (61%)

Yellow (65%)

Blue (56%)

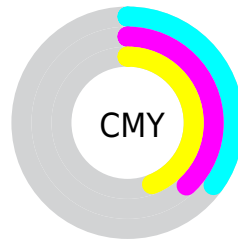


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6222, 0.3365, 0.3526 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 34.6222, 0.3365, 0.3526 by changing the saturation by 10% instead.

 34.6222, 0.3365,
0.3526


 34.6222, 0.3365,
0.3526


322.8976, 0.3240,
0.3402

 23.3720, 0.3398,
0.3559


 66.9001, 0.3318,
0.3480

 14.8684, 0.3442,
0.3602


 88.6965, 0.3301,
0.3463

 8.7271, 0.3503,
0.3662


 114.7772, 0.3287,
0.3449

 4.5636, 0.3593,
0.3750

145.5265, 0.3275,
0.3436

 1.9936, 0.3737,
0.3891

181.3288, 0.3264,
0.3426

 0.6037, 0.4923,
0.5077

222.5685, 0.3255,

 0.0000, 0.0000,

0.3417

0.0000

269.6299, 0.3247,
0.3409

■ 34.6222, 0.3365,
0.3526

■ 34.6222, 0.3365,
0.3526

■ 32.1648, 0.3545,
0.3692

■ 37.2574, 0.3202,
0.3366

■ 29.8760, 0.3740,
0.3859

■ 40.0703, 0.3055,
0.3215

■ 27.7522, 0.3947,
0.4021

■ 43.0668, 0.2925,
0.3074

■ 25.7880, 0.4162,
0.4170

■ 46.2510, 0.2808,
0.2943

■ 23.9778, 0.4377,
0.4295

■ 49.6268, 0.2705,
0.2822

■ 22.3151, 0.4582,
0.4386

■ 53.1980, 0.2613,
0.2712

■ 20.7928, 0.4767,
0.4432

■ 56.7164, 0.2552,
0.2650

■ 19.4026, 0.4921,
0.4428

■ 59.5448, 0.2562,
0.2722

■ 18.7437, 0.4994,
0.4416

■ 62.4832, 0.2572,
0.2794

Harmonies

Analogous

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



34.6222, 0.3418, 0.3441



34.6222, 0.3365, 0.3526



34.6222, 0.3248, 0.3548

Triad

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



34.6222, 0.3365, 0.3526



34.6222, 0.2871, 0.3251



34.6222, 0.3148, 0.3095

Complementary

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



34.6222, 0.3365, 0.3526



30.6573, 0.2896, 0.3042

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.



34.6222, 0.3002, 0.3044



34.6222, 0.3365, 0.3526



34.6222, 0.2845, 0.3130

Square

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



34.6222, 0.3365, 0.3526



34.6222, 0.2964, 0.3386



34.6222, 0.2892, 0.3056



34.6222, 0.3291, 0.3195

Rectangle

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



34.6222, 0.3365, 0.3526



34.6222, 0.3151, 0.3522



34.6222, 0.2892, 0.3056



34.6222, 0.3098, 0.3072

Sweetspot

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



34.6237, 0.3365, 0.3526



67.1823, 0.3188, 0.3352



29.7950, 0.3304, 0.3155



14.9539, 0.3199, 0.3364



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.



34.6237, 0.3365, 0.3526



60.5125, 0.3424, 0.3581



37.4367, 0.3314, 0.3656



8.3142, 0.3270, 0.3434



14.4422, 0.4985, 0.4424



0.4429, 0.4665, 0.4678

Inverse Universe

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



30.6573, 0.2896, 0.3042



52.0120, 0.2841, 0.2981



28.1808, 0.2924, 0.2904



7.7246, 0.2986, 0.3141



4.6866, 0.1660, 0.1177



0.2108, 0.1851, 0.1865

Previews

White Background



This preview shows how the Yxy color 34.6222, 0.3365, 0.3526 looks on a white background.

Color Contrast Check

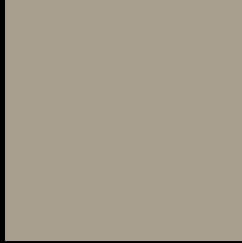
Large Text (above 18pt) WCAG AA × Fail

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 34.6222, 0.3365, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

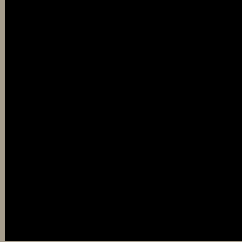
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6222, 0.3365, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 34.6222, 0.3365, 0.3526.

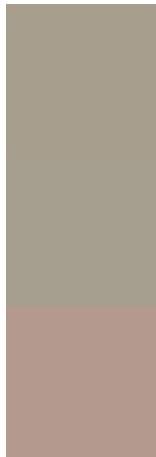


This preview shows how white text looks on a background with the Yxy color 34.6222, 0.3365, 0.3526.

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

34.6222, 0.3365, 0.3526

Protanopia

34.5137, 0.3355, 0.3526

Deuteranopia

34.4689, 0.3502, 0.3432



Tritanopia

34.4473, 0.3165, 0.3106

Trichromacy



Original Color

34.6222, 0.3365, 0.3526

Protanomaly

34.5137, 0.3355, 0.3526

Deuteranomaly

34.5398, 0.3445, 0.3463

Tritanomaly

34.3463, 0.3239, 0.3247

Monochromacy



Original Color

34.6222, 0.3365, 0.3526

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7776, 0.3211, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6222, 0.3365, 0.3526 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(167, 158, 142)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 142)  
}
```

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(167, 158, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 142) }
```

Border

The CSS property to change the border of an element to Yxy 34.6222, 0.3365, 0.3526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

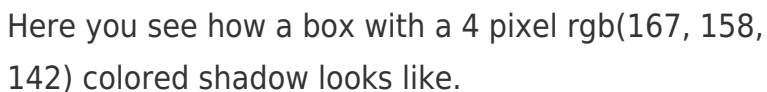
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 158, 142) }
```

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

```
.border{ border-color:rgb(167, 158, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 158, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 158, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 158, 142); box-shadow:4px 4px 4px 4px rgb(167, 158, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6222, 0.3365, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 142) }
```

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

```
.background{ background-color: rgb(167,  
158, 142) }
```

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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