

Converting Colors

$Yxy(34.4998, 0.3452, 0.3644)$

Have a look what the booklet for
Yxy(34.4998, 0.3452, 0.3644)
contains.

Yxy(34.4998, 0.3452, 0.3644)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.4998, 0.3452, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	A89E86
RGB	168, 158, 134
RGB Percent	66%, 62%, 53%
CMY	0.3411, 0.3804, 0.4745
CMYK	0.00, 0.06, 0.20, 0.34
HSL	42°, 16%, 59%
HSV	42°, 20%, 66%
XYZ	32.6820, 34.4998, 27.4938
YIQ	158.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

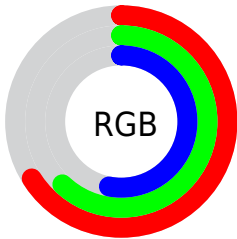
Format	Color
RYB	148, 168, 134
Decimal	11050630
CIELab	65.36, -0.39, 13.86
CIELCh	65, 13.865, 91.608
Yxy	34.4998, 0.3452, 0.3644
Android (android.graphics.Color)	4289240710 (0xFFA89E86)
YUV	158.2540, -11.9572, 8.5472
Hunter-Lab	58.7365, -3.4684, 13.3627

Details

The Yxy color **34.4998, 0.3452, 0.3644** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8535, 0.2807, 0.2909**, and the grayscale version is **34.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8643, 0.3386, 0.3582**, and **14.8685, 0.3565, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **32.4137, 0.3633, 0.3826**, and if you desaturate by 10%, it is **36.7316, 0.3284, 0.3465**.

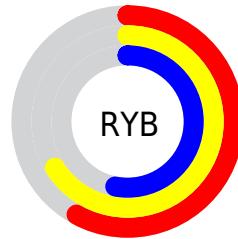
Distribution



Red (66%)

Green (62%)

Blue (53%)



Red (58%)

Yellow (66%)

Blue (53%)

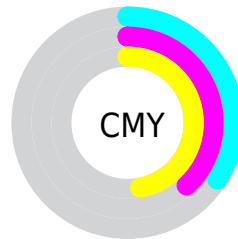


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4998, 0.3452, 0.3644 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 34.4998, 0.3452, 0.3644 by changing the saturation by 10% instead.

■ 34.4998, 0.3452,
0.3644

■ 34.4998, 0.3452,
0.3644

■ 322.3549, 0.3282,
0.3458

■ 23.2778, 0.3497,
0.3693

■ 66.7101, 0.3388,
0.3574

■ 14.7988, 0.3556,
0.3758

■ 88.4673, 0.3365,
0.3549

■ 8.6783, 0.3638,
0.3848

■ 114.5050, 0.3345,
0.3528

■ 4.5319, 0.3757,
0.3978

■ 145.2076, 0.3329,
0.3509

■ 1.9754, 0.3944,
0.4186

■ 180.9595, 0.3315,
0.3494

■ 0.5931, 0.4831,
0.5169

■ 222.1451, 0.3302,

■ 0.0000, 0.0000,

0.3480

0.0000

269.1488, 0.3291,
0.3469

■ 34.4998, 0.3452,
0.3644

■ 34.4998, 0.3452,
0.3644

■ 32.4137, 0.3633,
0.3826

■ 36.7316, 0.3284,
0.3465

■ 30.4643, 0.3824,
0.4006

■ 39.1084, 0.3131,
0.3294

■ 28.6486, 0.4020,
0.4175

■ 41.6358, 0.2992,
0.3132

■ 26.9616, 0.4215,
0.4325

■ 44.3172, 0.2867,
0.2982

■ 25.3978, 0.4401,
0.4445

■ 47.1564, 0.2754,
0.2843

■ 23.9513, 0.4569,
0.4524

■ 50.1565, 0.2654,
0.2715

■ 22.6149, 0.4710,
0.4557

■ 53.3209, 0.2565,
0.2597

■ 21.4029, 0.4825,
0.4551

■ 55.7576, 0.2555,
0.2623

■ 58.0527, 0.2563,
0.2683

Harmonies

Analogous

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



34.4998, 0.3547, 0.3529



34.4998, 0.3452, 0.3644



34.4998, 0.3271, 0.3664

Triad

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



34.4998, 0.3452, 0.3644



34.4998, 0.2745, 0.3200



34.4998, 0.3189, 0.3028

Complementary

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



34.4998, 0.3452, 0.3644



27.8535, 0.2807, 0.2909

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.



34.4998, 0.2974, 0.2943



34.4998, 0.3452, 0.3644



34.4998, 0.2724, 0.3034

Square

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



34.4998, 0.3452, 0.3644



34.4998, 0.2864, 0.3401



34.4998, 0.2806, 0.2943



34.4998, 0.3392, 0.3177

Rectangle

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



34.4998, 0.3452, 0.3644



34.4998, 0.3128, 0.3616



34.4998, 0.2806, 0.2943



34.4998, 0.3115, 0.2991

Sweetspot

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



34.5013, 0.3452, 0.3644



68.3860, 0.3219, 0.3394



27.4000, 0.3405, 0.3138



14.8479, 0.3229, 0.3404



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.



34.5013, 0.3452, 0.3644



60.9698, 0.3526, 0.3720



37.3341, 0.3359, 0.3794



8.3948, 0.3269, 0.3449



16.2503, 0.4817, 0.4557



0.4776, 0.4569, 0.4754

Inverse Universe

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



27.8535, 0.2807, 0.2909



46.8390, 0.2736, 0.2819



25.5269, 0.2865, 0.2755



7.6475, 0.2986, 0.3126



3.9057, 0.1615, 0.1014



0.1825, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 34.4998, 0.3452, 0.3644 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 34.4998, 0.3452, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

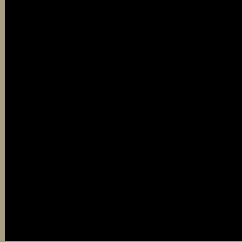
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

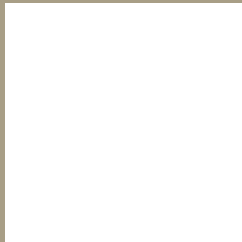
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4998, 0.3452, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 34.4998, 0.3452, 0.3644.



This preview shows how white text looks on a background with the Yxy color 34.4998, 0.3452, 0.3644.

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

34.4998, 0.3452, 0.3644

Protanopia

34.3904, 0.3441, 0.3645

Deuteranopia

34.4768, 0.3604, 0.3545



Tritanopia

34.6350, 0.3194, 0.3121

Trichromacy



Original Color

34.4998, 0.3452, 0.3644

Protanomaly

34.3904, 0.3441, 0.3645

Deuteranomaly

34.5391, 0.3545, 0.3577

Tritanomaly

34.4337, 0.3297, 0.3305

Monochromacy



Original Color

34.4998, 0.3452, 0.3644

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.3050, 0.3249, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4998, 0.3452, 0.3644 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, 158, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 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(168, 158, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.4998, 0.3452, 0.3644 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, 158, 134) }
```

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

```
.border{ border-color:rgb(168, 158, 134) }
```

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

Here you see how a box with a 4 pixel rgb(168, 158, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4998, 0.3452, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 134) }
```

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

```
.background{ background-color: rgb(168,  
158, 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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