

Converting Colors

$Yxy(34.8909, 0.3546, 0.3928)$

Have a look what the booklet for
Yxy(34.8909, 0.3546, 0.3928)
contains.

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Color

Yxy(34.7142, 0.3542, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	A4A177
RGB	164, 161, 119
RGB Percent	64%, 63%, 47%
CMY	0.3569, 0.3686, 0.5333
CMYK	0.00, 0.02, 0.27, 0.36
HSL	56°, 20%, 55%
HSV	56°, 27%, 64%
XYZ	31.3828, 34.7142, 22.5049
YIQ	157.1090, 15.2700, -12.4260

Conversions

Conversions Part 2

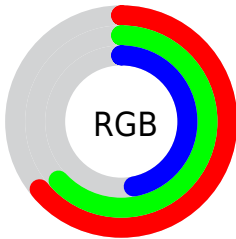
Format	Color
RYB	122, 164, 119
Decimal	10789239
CIELab	65.53, -5.82, 22.31
CIELCh	66, 23.057, 104.617
Yxy	34.7142, 0.3542, 0.3918
Android (android.graphics.Color)	4288979319 (0xFFA4A177)
YUV	157.1090, -18.7877, 6.0434
Hunter-Lab	58.9188, -8.0307, 18.5965

Details

The Yxy color **34.7142, 0.3542, 0.3918** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.5207, 0.2667, 0.2573**, and the grayscale version is **33.8500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1121, 0.3463, 0.3803**, and **15.0388, 0.3672, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **33.9775, 0.3696, 0.4145**, and if you desaturate by 10%, it is **35.5253, 0.3387, 0.3686**.

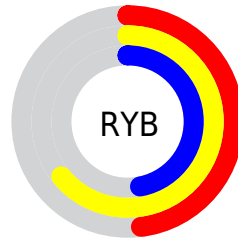
Distribution



Red (64%)

Green (63%)

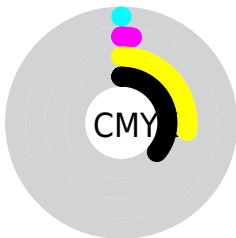
Blue (47%)



Red (48%)

Yellow (64%)

Blue (47%)

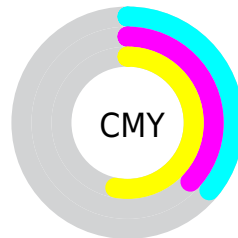


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (36%)



Cyan (36%)


Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7142, 0.3542, 0.3918 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 34.7142, 0.3542, 0.3918 by changing the saturation by 10% instead.


 34.7142, 0.3542,
0.3918


 34.7142, 0.3542,
0.3918


323.3050, 0.3328,
0.3586


 23.4428, 0.3596,
0.4006


 67.0428, 0.3463,
0.3793

 14.9208, 0.3666,
0.4123

 88.8688, 0.3434,
0.3747

 8.7638, 0.3759,
0.4283


 114.9817, 0.3409,
0.3709

 4.5875, 0.3884,
0.4513

145.7660, 0.3388,
0.3677

 2.0073, 0.4191,
0.5028

181.6061, 0.3370,
0.3649

 0.6117, 0.4180,
0.5820

222.8864, 0.3355,

 0.0000, 0.0000,

0.3625

0.0000

269.9912, 0.3341,
0.3604

■ 34.7142, 0.3542,
0.3918

■ 34.7142, 0.3542,
0.3918

■ 33.9775, 0.3696,
0.4145

■ 35.5253, 0.3387,
0.3686

■ 33.3069, 0.3843,
0.4359

■ 36.4095, 0.3236,
0.3456

■ 32.7004, 0.3979,
0.4550

■ 37.3711, 0.3091,
0.3234

■ 32.1536, 0.4096,
0.4710

■ 38.4132, 0.2954,
0.3023

■ 31.6618, 0.4190,
0.4831

■ 39.5385, 0.2828,
0.2826

■ 31.2196, 0.4258,
0.4910

■ 40.7495, 0.2712,
0.2644

■ 30.8181, 0.4302,
0.4950

■ 42.0487, 0.2606,
0.2477

■ 30.7169, 0.4313,
0.4958

■ 43.4385, 0.2510,
0.2324

■ 44.1509, 0.2485,
0.2292

Harmonies

Analogous

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



34.7142, 0.3776, 0.3773



34.7142, 0.3542, 0.3918



34.7142, 0.3204, 0.3883

Triad

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



34.7142, 0.3542, 0.3918



34.7142, 0.2470, 0.3000



34.7142, 0.3380, 0.2959

Complementary

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



34.7142, 0.3542, 0.3918



20.5207, 0.2667, 0.2573

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.



34.7142, 0.3018, 0.2774



34.7142, 0.3542, 0.3918



34.7142, 0.2509, 0.2783

Square

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



34.7142, 0.3542, 0.3918



34.7142, 0.2593, 0.3322



34.7142, 0.2704, 0.2708



34.7142, 0.3685, 0.3223

Rectangle

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



34.7142, 0.3542, 0.3918



34.7142, 0.2968, 0.3751



34.7142, 0.2704, 0.2708



34.7142, 0.3261, 0.2886

Sweetspot

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



34.7158, 0.3542, 0.3918



65.9822, 0.3246, 0.3472



22.4946, 0.3666, 0.3244



14.3727, 0.3268, 0.3505



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.



34.7158, 0.3542, 0.3918



62.1831, 0.3638, 0.4060



33.8516, 0.3334, 0.4004



8.1567, 0.3263, 0.3498



23.5848, 0.4311, 0.4959



0.5179, 0.4264, 0.4996

Inverse Universe

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



20.5207, 0.2667, 0.2573



31.9906, 0.2546, 0.2382



21.3244, 0.2870, 0.2564



6.9317, 0.2987, 0.3073



2.2639, 0.1515, 0.0654



0.0688, 0.1584, 0.0903

Previews

White Background



This preview shows how the Yxy color 34.7142, 0.3542, 0.3918 looks on a white background.

Color Contrast Check

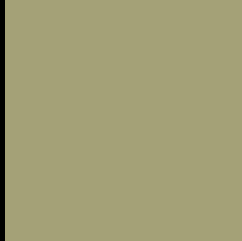
Large Text (above 18pt) WCAG AA × Fail

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 34.7142, 0.3542, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

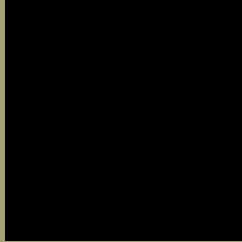
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

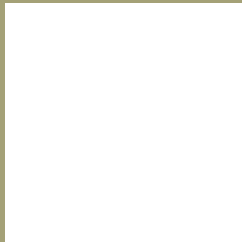
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7142, 0.3542, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 34.7142, 0.3542, 0.3918.



This preview shows how white text looks on a background with the Yxy color 34.7142, 0.3542, 0.3918.

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

34.7142, 0.3542, 0.3918

Protanopia

34.7622, 0.3633, 0.3890

Deuteranopia

34.7277, 0.3800, 0.3734



Tritanopia

34.7788, 0.3165, 0.3120

Trichromacy



Original Color

34.7142, 0.3542, 0.3918

Protanomaly

34.7744, 0.3597, 0.3910

Deuteranomaly

34.7167, 0.3711, 0.3804

Tritanomaly

34.6408, 0.3301, 0.3392

Monochromacy



Original Color

34.7142, 0.3542, 0.3918

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9105, 0.3285, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7142, 0.3542, 0.3918 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(164, 161, 119)` looks like.

```
.text, #text, p{  
    color:rgb(164, 161, 119)  
}
```

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(164, 161, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 161, 119) }
```

Border

The CSS property to change the border of an element to Yxy 34.7142, 0.3542, 0.3918 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(164, 161, 119) }
```

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

```
.border{ border-color:rgb(164, 161, 119) }
```

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

Here you see how a box with a 4 pixel rgb(164, 161, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 161, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 161, 119);  
box-shadow:4px 4px 4px 4px rgb(164, 161,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7142, 0.3542, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 161, 119) }
```

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

```
.background{ background-color: rgb(164,  
161, 119) }
```

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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