

Converting Colors

Yxy(36.9509, 0.3233, 0.3617)

Have a look what the booklet for
Yxy(36.9509, 0.3233, 0.3617)
contains.

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Color

Yxy(36.9509, 0.3233, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	9EA791
RGB	158, 167, 145
RGB Percent	62%, 65%, 57%
CMY	0.3804, 0.3451, 0.4314
CMYK	0.05, 0.00, 0.13, 0.35
HSL	85°, 11%, 61%
HSV	85°, 13%, 65%
XYZ	33.0280, 36.9509, 32.1801
YIQ	161.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

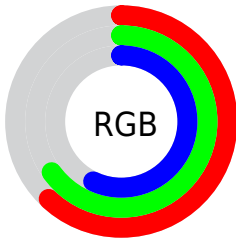
Format	Color
RYB	145, 167, 154
Decimal	10397585
CIELab	67.24, -7.27, 10.30
CIELCh	67, 12.606, 125.235
Yxy	36.9509, 0.3233, 0.3617
Android (android.graphics.Color)	4288587665 (0xFF9EA791)
YUV	161.8010, -8.2829, -3.3335
Hunter-Lab	60.7873, -9.3919, 11.1636

Details

The Yxy color **36.9509, 0.3233, 0.3617** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9144, 0.3011, 0.2959**, and the grayscale version is **36.0720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5122, 0.3215, 0.3549**, and **16.2135, 0.3265, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **35.7994, 0.3312, 0.3885**, and if you desaturate by 10%, it is **38.2200, 0.3153, 0.3366**.

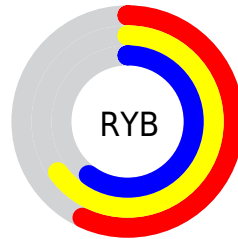
Distribution



Red (62%)

Green (65%)

Blue (57%)



Red (57%)

Yellow (65%)

Blue (60%)

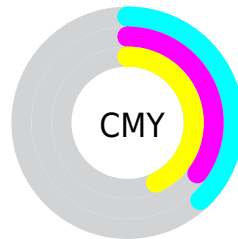


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (38%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9509, 0.3233, 0.3617 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 36.9509, 0.3233, 0.3617 by changing the saturation by 10% instead.


 36.9509, 0.3233,
0.3617


 36.9509, 0.3233,
0.3617


333.0979, 0.3179,
0.3445

 25.1695, 0.3247,
0.3663


 70.4973, 0.3213,
0.3552

 16.2034, 0.3264,
0.3724


 93.0310, 0.3206,
0.3528

 9.6682, 0.3287,
0.3810


119.9176, 0.3200,
0.3509

 5.1795, 0.3320,
0.3936

151.5415, 0.3195,
0.3492

 2.3530, 0.3368,
0.4142

188.2871, 0.3190,
0.3478

 0.8015, 0.3797,
0.5209

230.5388, 0.3186,

 0.0000, 0.0000,

0.3465

0.0000

278.6809, 0.3182,
0.3454

■ 36.9509, 0.3233,
0.3617

■ 36.9509, 0.3233,
0.3617

■ 35.7994, 0.3312,
0.3885

■ 38.2200, 0.3153,
0.3366

■ 34.7569, 0.3388,
0.4164

■ 39.6056, 0.3073,
0.3134

■ 33.8207, 0.3455,
0.4448

■ 41.1129, 0.2997,
0.2922

■ 32.9864, 0.3510,
0.4725

■ 42.7452, 0.2925,
0.2731

■ 32.2491, 0.3547,
0.4984

■ 44.5057, 0.2857,
0.2559

■ 31.6034, 0.3564,
0.5212

■ 46.3975, 0.2793,
0.2404

■ 31.0431, 0.3558,
0.5396

■ 47.9706, 0.2780,
0.2327

■ 30.5613, 0.3529,
0.5530

■ 48.9716, 0.2833,
0.2341

■ 30.2669, 0.3501,
0.5602

■ 50.0158, 0.2886,
0.2356

Harmonies

Analogous

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



36.9509, 0.3400, 0.3612



36.9509, 0.3233, 0.3617



36.9509, 0.3041, 0.3527

Triad

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



36.9509, 0.3233, 0.3617



36.9509, 0.2772, 0.3049



36.9509, 0.3381, 0.3209

Complementary

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



36.9509, 0.3233, 0.3617



29.9144, 0.3011, 0.2959

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.



36.9509, 0.3206, 0.3069



36.9509, 0.3233, 0.3617



36.9509, 0.2856, 0.2976

Square

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



36.9509, 0.3233, 0.3617



36.9509, 0.2779, 0.3191



36.9509, 0.3013, 0.2985



36.9509, 0.3488, 0.3371

Rectangle

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



36.9509, 0.3233, 0.3617



36.9509, 0.2926, 0.3426



36.9509, 0.3013, 0.2985



36.9509, 0.3328, 0.3158

Sweetspot

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



36.9525, 0.3233, 0.3617



68.2303, 0.3160, 0.3388



33.3076, 0.3345, 0.3420



15.2301, 0.3166, 0.3405



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.



36.9525, 0.3233, 0.3617



65.5079, 0.3258, 0.3699



35.9067, 0.3132, 0.3627



8.6182, 0.3202, 0.3517



23.1872, 0.3507, 0.5597



0.5930, 0.3738, 0.5414

Inverse Universe

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



29.9144, 0.3011, 0.2959



50.2559, 0.2980, 0.2876



31.0207, 0.3120, 0.2970



7.4451, 0.3048, 0.3061



3.1157, 0.1878, 0.0808



0.1059, 0.2279, 0.1029

Previews

White Background



This preview shows how the Yxy color 36.9509, 0.3233, 0.3617 looks on a white background.

Color Contrast Check

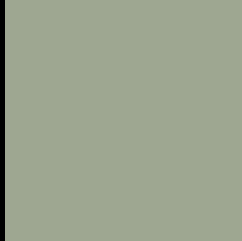
Large Text (above 18pt) WCAG AA × Fail

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 36.9509, 0.3233, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

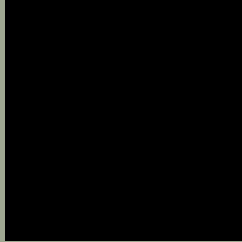
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

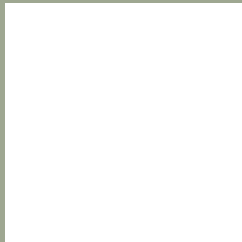
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9509, 0.3233, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 36.9509, 0.3233, 0.3617.



This preview shows how white text looks on a background with the Yxy color 36.9509, 0.3233, 0.3617.

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

36.9509, 0.3233, 0.3617

Protanopia

36.8355, 0.3385, 0.3578

Deuteranopia

36.8746, 0.3501, 0.3442



Tritanopia

37.1155, 0.3016, 0.3106

Trichromacy



Original Color

36.9509, 0.3233, 0.3617

Protanomaly

36.6715, 0.3325, 0.3582

Deuteranomaly

36.6790, 0.3402, 0.3504

Tritanomaly

36.8446, 0.3091, 0.3275

Monochromacy



Original Color

36.9509, 0.3233, 0.3617

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.5283, 0.3169, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9509, 0.3233, 0.3617 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(158, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 145)  
}
```

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(158, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.9509, 0.3233, 0.3617 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(158, 167, 145) }
```

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

```
.border{ border-color:rgb(158, 167, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9509, 0.3233, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 145) }
```

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

```
.background{ background-color: rgb(158,  
167, 145) }
```

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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