

Converting Colors

$Yxy(36.2434, 0.3299, 0.3732)$

Have a look what the booklet for
Yxy(36.2434, 0.3299, 0.3732)
contains.

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Color

Yxy(36.2467, 0.3295, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	9DA689
RGB	157, 166, 137
RGB Percent	62%, 65%, 54%
CMY	0.3844, 0.3490, 0.4627
CMYK	0.05, 0.00, 0.17, 0.35
HSL	79°, 14%, 59%
HSV	79°, 17%, 65%
XYZ	32.0539, 36.2467, 28.9798
YIQ	160.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

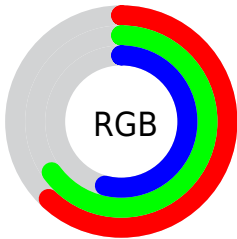
Format	Color
RYB	137, 166, 146
Decimal	10331785
CIELab	66.71, -8.47, 13.95
CIElCh	67, 16.320, 121.262
Yxy	36.2467, 0.3295, 0.3726
Android (android.graphics.Color)	4288521865 (0xFF9DA689)
YUV	160.0030, -11.3405, -2.6336
Hunter-Lab	60.2052, -10.3238, 13.6044

Details

The Yxy color **36.2467, 0.3295, 0.3726** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7652, 0.2939, 0.2840**, and the grayscale version is **35.2070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4277, 0.3269, 0.3643**, and **15.7869, 0.3352, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **35.2987, 0.3390, 0.3993**, and if you desaturate by 10%, it is **37.2932, 0.3199, 0.3471**.

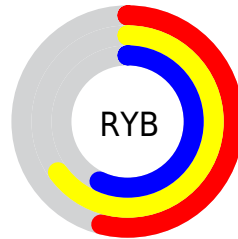
Distribution



Red (62%)

Green (65%)

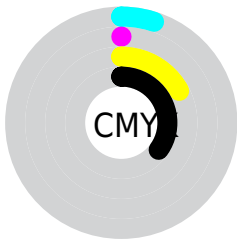
Blue (54%)



Red (54%)

Yellow (65%)

Blue (57%)

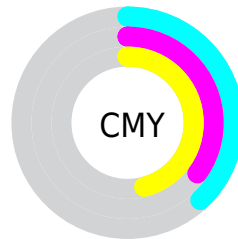


Cyan (5%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (38%)


Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2467, 0.3295, 0.3726 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 36.2467, 0.3295, 0.3726 by changing the saturation by 10% instead.


 36.2467, 0.3295,
0.3726


 36.2467, 0.3295,
0.3726


330.0375, 0.3210,
0.3495


 24.6248, 0.3317,
0.3788


 69.4127, 0.3264,
0.3639

 15.7977, 0.3344,
0.3871


 91.7255, 0.3252,
0.3607

 9.3811, 0.3381,
0.3986


 118.3708, 0.3242,
0.3581

 4.9906, 0.3431,
0.4158

149.7329, 0.3234,
0.3558

 2.2418, 0.3502,
0.4438

186.1962, 0.3227,
0.3539

 0.7426, 0.4019,
0.5981

228.1452, 0.3220,

 0.0000, 0.0000,

0.3522

0.0000

275.9642, 0.3215,
0.3508

■ 36.2467, 0.3295,
0.3726

■ 36.2467, 0.3295,
0.3726

■ 35.2987, 0.3390,
0.3993

■ 37.2932, 0.3199,
0.3471

■ 34.4409, 0.3479,
0.4265

■ 38.4367, 0.3103,
0.3231

■ 33.6709, 0.3559,
0.4534

■ 39.6823, 0.3011,
0.3009

■ 32.9846, 0.3623,
0.4788

■ 41.0327, 0.2924,
0.2806

■ 32.3773, 0.3669,
0.5016

■ 42.4911, 0.2842,
0.2622

■ 31.8439, 0.3691,
0.5207

■ 44.0601, 0.2765,
0.2456

■ 31.3783, 0.3689,
0.5353

■ 45.7424, 0.2695,
0.2307

■ 30.9713, 0.3665,
0.5454

■ 46.5487, 0.2722,
0.2301

■ 30.8732, 0.3658,
0.5478

■ 47.2651, 0.2761,
0.2311

Harmonies

Analogous

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



36.2467, 0.3505, 0.3698



36.2467, 0.3295, 0.3726



36.2467, 0.3046, 0.3624

Triad

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



36.2467, 0.3295, 0.3726



36.2467, 0.2662, 0.2994



36.2467, 0.3432, 0.3157

Complementary

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



36.2467, 0.3295, 0.3726



26.7652, 0.2939, 0.2840

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.



36.2467, 0.3194, 0.2987



36.2467, 0.3295, 0.3726



36.2467, 0.2755, 0.2890

Square

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



36.2467, 0.3295, 0.3726



36.2467, 0.2687, 0.3187



36.2467, 0.2947, 0.2890



36.2467, 0.3588, 0.3364

Rectangle

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



36.2467, 0.3295, 0.3726



36.2467, 0.2892, 0.3496



36.2467, 0.2947, 0.2890



36.2467, 0.3358, 0.3094

Sweetspot

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



36.2483, 0.3295, 0.3726



68.1511, 0.3176, 0.3412



30.3846, 0.3433, 0.3422



15.2203, 0.3182, 0.3429



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.



36.2483, 0.3295, 0.3726



65.0825, 0.3333, 0.3830



34.9056, 0.3159, 0.3745



8.6549, 0.3216, 0.3516



23.9633, 0.3663, 0.5474



0.6083, 0.3846, 0.5328

Inverse Universe

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



26.7652, 0.2939, 0.2840



44.5760, 0.2889, 0.2728



28.1451, 0.3086, 0.2859



7.4097, 0.3033, 0.3060



2.7174, 0.1732, 0.0728



0.0929, 0.2115, 0.0939

Previews

White Background



This preview shows how the Yxy color 36.2467, 0.3295, 0.3726 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 36.2467, 0.3295, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

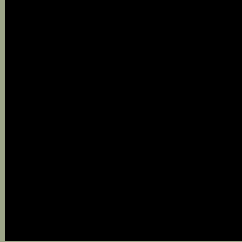
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

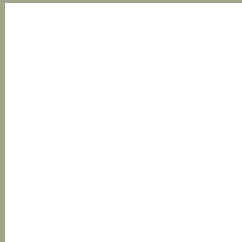
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2467, 0.3295, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 36.2467, 0.3295, 0.3726.



This preview shows how white text looks on a background with the Yxy color 36.2467, 0.3295, 0.3726.

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

36.2467, 0.3295, 0.3726

Protanopia

36.2479, 0.3462, 0.3682

Deuteranopia

36.0801, 0.3596, 0.3526



Tritanopia

36.2271, 0.3024, 0.3105

Trichromacy



Original Color

36.2467, 0.3295, 0.3726

Protanomaly

36.0790, 0.3400, 0.3687

Deuteranomaly

36.0905, 0.3480, 0.3605

Tritanomaly

36.2412, 0.3116, 0.3319

Monochromacy



Original Color

36.2467, 0.3295, 0.3726

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.4786, 0.3187, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2467, 0.3295, 0.3726 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, 166, 137)` looks like.

```
.text, #text, p{  
    color:rgb(157, 166, 137)  
}
```

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, 166, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 166, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.2467, 0.3295, 0.3726 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, 166, 137) }
```

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

```
.border{ border-color:rgb(157, 166, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 166, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 166, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 166, 137);  
box-shadow:4px 4px 4px 4px rgb(157, 166,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2467, 0.3295, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 166, 137) }
```

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

```
.background{ background-color: rgb(157,  
166, 137) }
```

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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