

Converting Colors

$Yxy(33.5216, 0.3652, 0.3925)$

Have a look what the booklet for
Yxy(33.5216, 0.3652, 0.3925)
contains.

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Color

Yxy(33.6537, 0.3647, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	A89D72
RGB	168, 157, 114
RGB Percent	66%, 62%, 45%
CMY	0.3413, 0.3843, 0.5530
CMYK	0.00, 0.07, 0.32, 0.34
HSL	48°, 24%, 55%
HSV	48°, 32%, 66%
XYZ	31.2382, 33.6537, 20.7627
YIQ	155.3870, 20.3590, -11.0410

Conversions

Conversions Part 2

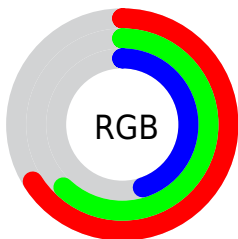
Format	Color
RYB	128, 168, 114
Decimal	11050354
CIELab	64.69, -2.73, 24.00
CIELCh	65, 24.154, 96.501
Yxy	33.6537, 0.3647, 0.3929
Android (android.graphics.Color)	4289240434 (0xFFA89D72)
YUV	155.3870, -20.4038, 11.0616
Hunter-Lab	58.0118, -5.4019, 19.3881

Details

The Yxy color **33.6537, 0.3647, 0.3929** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.0558, 0.2590, 0.2557**, and the grayscale version is **33.0432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1890, 0.3551, 0.3800**, and **14.3346, 0.3810, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **32.1689, 0.3822, 0.4126**, and if you desaturate by 10%, it is **35.2440, 0.3475, 0.3726**.

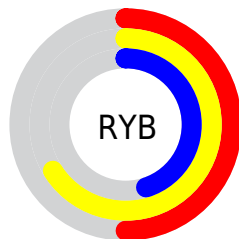
Distribution



Red (66%)

Green (62%)

Blue (45%)



Red (50%)

Yellow (66%)

Blue (45%)

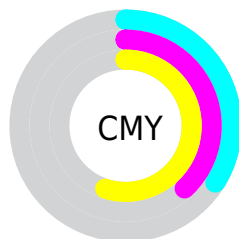


Cyan (0%)

Magenta (7%)

Yellow (32%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6537, 0.3647, 0.3929 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 33.6537, 0.3647, 0.3929 by changing the saturation by 10% instead.

■ 33.6537, 0.3647,
0.3929

■ 33.6537, 0.3647,
0.3929

■ 318.5851, 0.3377,
0.3593

■ 22.6277, 0.3717,
0.4018

■ 65.3948, 0.3547,
0.3803

■ 14.3188, 0.3807,
0.4133

■ 86.8786, 0.3510,
0.3757

■ 8.3428, 0.3927,
0.4290

■ 112.6172, 0.3479,
0.3718

■ 4.3150, 0.4090,
0.4511

■ 142.9950, 0.3452,
0.3685

■ 1.8513, 0.4595,
0.5147

■ 178.3962, 0.3429,
0.3657

■ 0.5189, 0.4511,
0.5489

■ 219.2054, 0.3410,

■ 0.0000, 0.0000,

0.3633

0.0000

265.8069, 0.3392,
0.3611

■ 33.6537, 0.3647,
0.3929

■ 33.6537, 0.3647,
0.3929

■ 32.1689, 0.3822,
0.4126

■ 35.2440, 0.3475,
0.3726

■ 30.7810, 0.3996,
0.4310

■ 36.9391, 0.3312,
0.3525

■ 29.4870, 0.4162,
0.4469


■ 38.7440, 0.3159,
0.3331

■ 28.2818, 0.4311,
0.4596


■ 40.6621, 0.3017,
0.3146


■ 27.1600, 0.4438,
0.4681

■ 42.6967, 0.2888,
0.2972


 26.1147, 0.4537,
0.4721

 44.8507, 0.2771,
0.2812

 25.3361, 0.4601,
0.4729

 47.1271, 0.2665,
0.2664

 49.5286, 0.2570,
0.2528

 51.3861, 0.2539,
0.2503

Harmonies

Analogous

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



33.6537, 0.3851, 0.3733



33.6537, 0.3647, 0.3929



33.6537, 0.3309, 0.3951

Triad

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



33.6537, 0.3647, 0.3929



33.6537, 0.2452, 0.3065



33.6537, 0.3292, 0.2878

Complementary

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



33.6537, 0.3647, 0.3929



21.0558, 0.2590, 0.2557

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.



33.6537, 0.2913, 0.2714



33.6537, 0.3647, 0.3929



33.6537, 0.2447, 0.2801

Square

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



33.6537, 0.3647, 0.3929



33.6537, 0.2625, 0.3423



33.6537, 0.2610, 0.2682



33.6537, 0.3643, 0.3138

Rectangle

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



33.6537, 0.3647, 0.3929



33.6537, 0.3057, 0.3847



33.6537, 0.2610, 0.2682



33.6537, 0.3163, 0.2810

Sweetspot

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



33.6552, 0.3647, 0.3929



67.6777, 0.3281, 0.3486



21.8507, 0.3688, 0.3111



14.6570, 0.3302, 0.3513



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.



33.6552, 0.3647, 0.3929



59.0309, 0.3780, 0.4079



35.9527, 0.3448, 0.4117



8.5112, 0.3267, 0.3469



19.2121, 0.4596, 0.4733



0.5312, 0.4441, 0.4856

Inverse Universe

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



21.0558, 0.2590, 0.2557



32.3585, 0.2447, 0.2349



19.5456, 0.2726, 0.2402



7.5382, 0.2986, 0.3105



3.0652, 0.1563, 0.0826



0.1419, 0.1722, 0.1397

Previews

White Background



This preview shows how the Yxy color 33.6537, 0.3647, 0.3929 looks on a white background.

Color Contrast Check

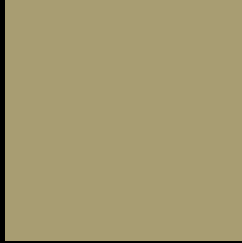
Large Text (above 18pt) WCAG AA × Fail

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 33.6537, 0.3647, 0.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

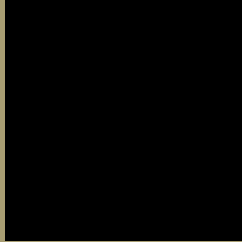
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6537, 0.3647, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 33.6537, 0.3647, 0.3929.



This preview shows how white text looks on a background with the Yxy color 33.6537, 0.3647, 0.3929.

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

33.6537, 0.3647, 0.3929

Protanopia

33.7639, 0.3658, 0.3926

Deuteranopia

33.4896, 0.3865, 0.3779



Tritanopia

33.7405, 0.3256, 0.3135

Trichromacy



Original Color

33.6537, 0.3647, 0.3929

Protanomaly

33.7639, 0.3658, 0.3926

Deuteranomaly

33.6040, 0.3774, 0.3834

Tritanomaly

33.5975, 0.3398, 0.3407

Monochromacy



Original Color

33.6537, 0.3647, 0.3929

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.1440, 0.3317, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6537, 0.3647, 0.3929 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, 157, 114)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 114)  
}
```

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, 157, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 114) }
```

Border

The CSS property to change the border of an element to Yxy 33.6537, 0.3647, 0.3929 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, 157, 114) }
```

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

```
.border{ border-color:rgb(168, 157, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 157, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 114);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6537, 0.3647, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 114) }
```

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

```
.background{ background-color: rgb(168,  
157, 114) }
```

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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