

Converting Colors

$Yxy(37.0004, 0.3332, 0.3611)$

Have a look what the booklet for
Yxy(37.0004, 0.3332, 0.3611)
contains.

Yxy(37.0004, 0.3332, 0.3611)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0004, 0.3332, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	A6A58F
RGB	166, 165, 143
RGB Percent	65%, 65%, 56%
CMY	0.3489, 0.3529, 0.4393
CMYK	0.00, 0.01, 0.14, 0.35
HSL	57°, 11%, 61%
HSV	57°, 14%, 65%
XYZ	34.1416, 37.0004, 31.3238
YIQ	162.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

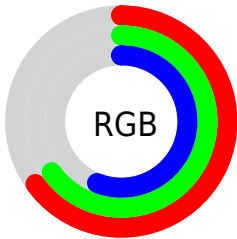
Format	Color
R_{YB}	144, 166, 143
Decimal	10921359
CIE Lab	67.28, -3.53, 11.55
CIE LCh	67, 12.079, 106.972
Yxy	37.0004, 0.3332, 0.3611
Android (android.graphics.Color)	4289111439 (0xFFA6A58F)
YUV	162.7910, -9.7570, 2.8143
Hunter-Lab	60.8280, -6.2602, 12.0478

Details

The Yxy color **37.0004, 0.3332, 0.3611** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5430, 0.2911, 0.2947**, and the grayscale version is **36.5681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5898, 0.3290, 0.3546**, and **16.1780, 0.3392, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **36.2700, 0.3485, 0.3848**, and if you desaturate by 10%, it is **37.8101, 0.3183, 0.3378**.

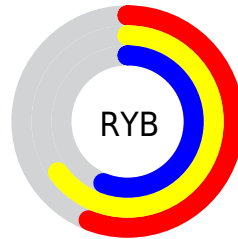
Distribution



Red (65%)

Green (65%)

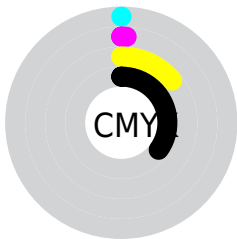
Blue (56%)



Red (56%)

Yellow (65%)

Blue (56%)

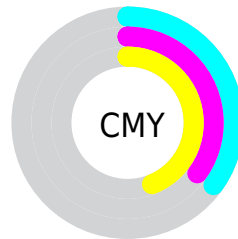


Cyan (0%)

Magenta (1%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0004, 0.3332, 0.3611 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 37.0004, 0.3332, 0.3611 by changing the saturation by 10% instead.


 37.0004, 0.3332,
0.3611


 37.0004, 0.3332,
0.3611


333.3123, 0.3226,
0.3443

 25.2078, 0.3359,
0.3655


 70.5734, 0.3293,
0.3548

 16.2319, 0.3395,
0.3714


 93.1226, 0.3278,
0.3525

 9.6884, 0.3444,
0.3795


120.0261, 0.3266,
0.3506

 5.1929, 0.3513,
0.3914

151.6683, 0.3256,
0.3489

 2.3609, 0.3620,
0.4104

188.4337, 0.3247,
0.3475

 0.8056, 0.4371,
0.5182

230.7065, 0.3239,

 0.0000, 0.0000,

0.3463

0.0000

278.8712, 0.3232,
0.3452

■ 37.0004, 0.3332,
0.3611

■ 37.0004, 0.3332,
0.3611

■ 36.2700, 0.3485,
0.3848

■ 37.8101, 0.3183,
0.3378

■ 35.6107, 0.3637,
0.4083

■ 38.6972, 0.3041,
0.3154

■ 35.0207, 0.3784,
0.4306

■ 39.6663, 0.2908,
0.2943

■ 34.4960, 0.3919,
0.4509

■ 40.7200, 0.2784,
0.2746

■ 34.0327, 0.4038,
0.4683

■ 41.8611, 0.2671,
0.2565

■ 33.6260, 0.4135,
0.4820

■ 43.0920, 0.2568,
0.2400

■ 33.2705, 0.4206,
0.4916

■ 44.1414, 0.2498,
0.2288

■ 32.9598, 0.4252,
0.4969

■ 44.4193, 0.2499,
0.2297

■ 32.7821, 0.4272,
0.4990

■ 44.6988, 0.2500,
0.2306

Harmonies

Analogous

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



37.0004, 0.3454, 0.3553



37.0004, 0.3332, 0.3611



37.0004, 0.3157, 0.3579

Triad

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



37.0004, 0.3332, 0.3611



37.0004, 0.2780, 0.3136



37.0004, 0.3273, 0.3126

Complementary

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



37.0004, 0.3332, 0.3611



28.5430, 0.2911, 0.2947

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.



37.0004, 0.3089, 0.3021



37.0004, 0.3332, 0.3611



37.0004, 0.2808, 0.3023

Square

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



37.0004, 0.3332, 0.3611



37.0004, 0.2841, 0.3297



37.0004, 0.2920, 0.2983



37.0004, 0.3420, 0.3272

Rectangle

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



37.0004, 0.3332, 0.3611



37.0004, 0.3035, 0.3509



37.0004, 0.2920, 0.2983



37.0004, 0.3213, 0.3085

Sweetspot

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



37.0020, 0.3332, 0.3611



68.5701, 0.3186, 0.3383



29.7688, 0.3364, 0.3273



15.3196, 0.3197, 0.3399



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.



37.0020, 0.3332, 0.3611



66.6624, 0.3384, 0.3692



36.2973, 0.3230, 0.3636



8.7158, 0.3263, 0.3503



25.4318, 0.4271, 0.4990



0.6356, 0.4243, 0.5013

Inverse Universe

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



28.5430, 0.2911, 0.2947



47.9566, 0.2851, 0.2853



29.2022, 0.3013, 0.2942



7.3521, 0.2986, 0.3067



2.2777, 0.1510, 0.0636



0.0716, 0.1555, 0.0797

Previews

White Background



This preview shows how the Yxy color 37.0004, 0.3332, 0.3611 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 37.0004, 0.3332, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

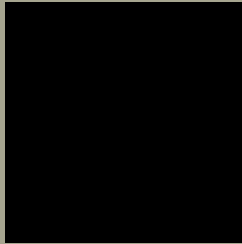
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

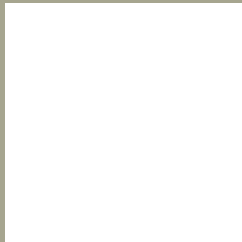
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0004, 0.3332, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 37.0004, 0.3332, 0.3611.



This preview shows how white text looks on a background with the Yxy color 37.0004, 0.3332, 0.3611.

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

37.0004, 0.3332, 0.3611

Protanopia

36.9180, 0.3405, 0.3592

Deuteranopia

36.9064, 0.3540, 0.3483



Tritanopia

37.0529, 0.3107, 0.3123

Trichromacy



Original Color

37.0004, 0.3332, 0.3611

Protanomaly

37.0500, 0.3382, 0.3608

Deuteranomaly

37.0871, 0.3461, 0.3529

Tritanomaly

36.8843, 0.3194, 0.3290

Monochromacy



Original Color

37.0004, 0.3332, 0.3611

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8437, 0.3197, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0004, 0.3332, 0.3611 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(166, 165, 143)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 143)  
}
```

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(166, 165, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 143) }
```

Border

The CSS property to change the border of an element to Yxy 37.0004, 0.3332, 0.3611 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(166, 165, 143) }
```

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

```
.border{ border-color:rgb(166, 165, 143) }
```

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

Here you see how a box with a 4 pixel rgb(166, 165, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 143);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0004, 0.3332, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 143) }
```

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

```
.background{ background-color: rgb(166,  
165, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor