

Converting Colors

$Yxy(37.7344, 0.3328, 0.3761)$

Have a look what the booklet for
Yxy(37.7344, 0.3328, 0.3761)
contains.

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Color

Yxy(37.7591, 0.3328, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	A1A989
RGB	161, 169, 137
RGB Percent	63%, 66%, 54%
CMY	0.3688, 0.3372, 0.4628
CMYK	0.05, 0.00, 0.19, 0.34
HSL	75°, 16%, 60%
HSV	75°, 19%, 66%
XYZ	33.3942, 37.7591, 29.1898
YIQ	162.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

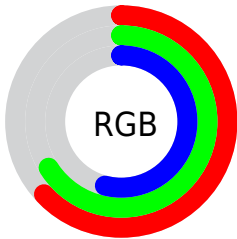
Format	Color
RYB	137, 169, 145
Decimal	10594697
CIELab	67.84, -8.58, 15.60
CIElCh	68, 17.799, 118.803
Yxy	37.7591, 0.3328, 0.3763
Android (android.graphics.Color)	4288784777 (0xFFA1A989)
YUV	162.9600, -12.7983, -1.7189
Hunter-Lab	61.4484, -10.5289, 14.8494

Details

The Yxy color **37.7591, 0.3328, 0.3763** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7768, 0.2901, 0.2795**, and the grayscale version is **36.6631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6279, 0.3295, 0.3672**, and **16.6619, 0.3384, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **36.8790, 0.3433, 0.4027**, and if you desaturate by 10%, it is **38.7336, 0.3221, 0.3507**.

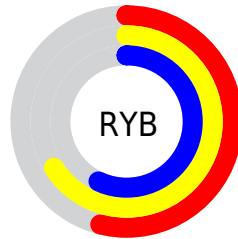
Distribution



Red (63%)

Green (66%)

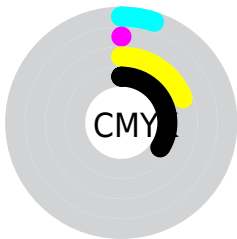
Blue (54%)



Red (54%)

Yellow (66%)

Blue (57%)

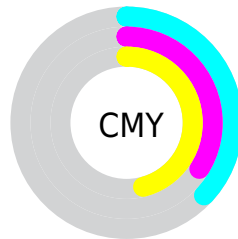


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (37%)


Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7591, 0.3328, 0.3763 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 37.7591, 0.3328, 0.3763 by changing the saturation by 10% instead.


 37.7591, 0.3328,
0.3763

 37.7591, 0.3328,
0.3763


336.5854, 0.3227,
0.3514

 25.7958, 0.3353,
0.3829


 71.7388, 0.3291,
0.3669

 16.6709, 0.3386,
0.3917


 94.5239, 0.3277,
0.3635

 10.0001, 0.3429,
0.4039


 121.6850, 0.3265,
0.3607

 5.3991, 0.3487,
0.4217

153.6066, 0.3255,
0.3582

 2.4833, 0.3569,
0.4503

190.6731, 0.3247,
0.3562

 0.8682, 0.4150,
0.5850

233.2688, 0.3239,

 0.0000, 0.0000,

0.3544

0.0000

281.7781, 0.3233,
0.3528

■ 37.7591, 0.3328,
0.3763

■ 37.7591, 0.3328,
0.3763

■ 36.8790, 0.3433,
0.4027

■ 38.7336, 0.3221,
0.3507

■ 36.0845, 0.3532,
0.4293

■ 39.8008, 0.3116,
0.3265

■ 35.3734, 0.3620,
0.4552

■ 40.9658, 0.3015,
0.3040

■ 34.7414, 0.3692,
0.4792

■ 42.2315, 0.2918,
0.2832

■ 34.1837, 0.3745,
0.5003

■ 43.6010, 0.2828,
0.2643

■ 33.6949, 0.3773,
0.5175

■ 45.0769, 0.2744,
0.2472

■ 33.2689, 0.3777,
0.5303

■ 46.6428, 0.2668,
0.2320

■ 32.8936, 0.3760,
0.5390

■ 47.2011, 0.2700,
0.2328

■ 32.8555, 0.3758,
0.5399

■ 47.7756, 0.2731,
0.2336

Harmonies

Analogous

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



37.7591, 0.3547, 0.3721



37.7591, 0.3328, 0.3763



37.7591, 0.3061, 0.3665

Triad

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



37.7591, 0.3328, 0.3763



37.7591, 0.2626, 0.2985



37.7591, 0.3436, 0.3130

Complementary

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



37.7591, 0.3328, 0.3763



26.7768, 0.2901, 0.2795

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.



37.7591, 0.3177, 0.2953



37.7591, 0.3328, 0.3763



37.7591, 0.2715, 0.2865

Square

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



37.7591, 0.3328, 0.3763



37.7591, 0.2663, 0.3198



37.7591, 0.2913, 0.2857



37.7591, 0.3614, 0.3350

Rectangle

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



37.7591, 0.3328, 0.3763



37.7591, 0.2893, 0.3531



37.7591, 0.2913, 0.2857



37.7591, 0.3355, 0.3064

Sweetspot

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



37.7608, 0.3328, 0.3763



69.8802, 0.3191, 0.3437



30.4919, 0.3468, 0.3410



15.2058, 0.3198, 0.3452



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.



37.7608, 0.3328, 0.3763



66.8884, 0.3375, 0.3880



36.2072, 0.3177, 0.3786



8.6774, 0.3225, 0.3516



24.5079, 0.3762, 0.5395



0.6184, 0.3913, 0.5275

Inverse Universe

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



26.7768, 0.2901, 0.2795



43.3450, 0.2838, 0.2664



28.3310, 0.3065, 0.2818



7.3883, 0.3024, 0.3059



2.5322, 0.1661, 0.0688



0.0851, 0.2009, 0.0881

Previews

White Background



This preview shows how the Yxy color 37.7591, 0.3328, 0.3763 looks on a white background.

Color Contrast Check

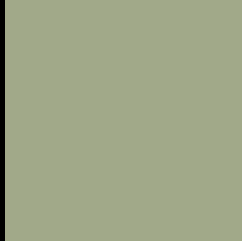
Large Text (above 18pt) WCAG AA × Fail

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 37.7591, 0.3328, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

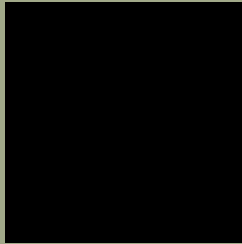
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

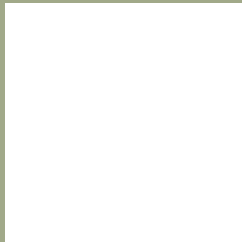
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.7591, 0.3328, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 37.7591, 0.3328, 0.3763.



This preview shows how white text looks on a background with the Yxy color 37.7591, 0.3328, 0.3763.

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

37.7591, 0.3328, 0.3763

Protanopia

37.7735, 0.3494, 0.3717

Deuteranopia

37.6075, 0.3627, 0.3562



Tritanopia

37.9010, 0.3052, 0.3122

Trichromacy



Original Color

37.7591, 0.3328, 0.3763

Protanomaly

37.5961, 0.3432, 0.3723

Deuteranomaly

37.6131, 0.3512, 0.3642

Tritanomaly

37.8804, 0.3152, 0.3347

Monochromacy



Original Color

37.7591, 0.3328, 0.3763

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9247, 0.3195, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7591, 0.3328, 0.3763 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 $rgb(161, 169, 137)$ looks like.

```
.text, #text, p{  
    color:rgb(161, 169, 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(161, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.7591, 0.3328, 0.3763 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(161, 169, 137) }
```

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

```
.border{ border-color:rgb(161, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(161, 169,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7591, 0.3328, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 169, 137) }
```

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

```
.background{ background-color: rgb(161,  
169, 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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