

Converting Colors

$Yxy(37.0487, 0.3258, 0.3776)$

Have a look what the booklet for
Yxy(37.0487, 0.3258, 0.3776)
contains.

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Color

Yxy(37.0521, 0.3261, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	9AA989
RGB	154, 169, 137
RGB Percent	60%, 66%, 54%
CMY	0.3962, 0.3372, 0.4628
CMYK	0.09, 0.00, 0.19, 0.34
HSL	88°, 16%, 60%
HSV	88°, 19%, 66%
XYZ	32.0241, 37.0521, 29.1271
YIQ	160.8670, 1.3320, -13.1320

Conversions

Conversions Part 2

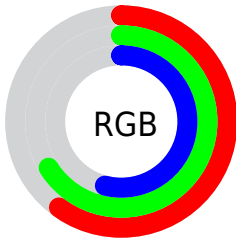
Format	Color
RYB	137, 169, 152
Decimal	10135945
CIELab	67.32, -11.20, 14.78
CIElCh	67, 18.544, 127.148
Yxy	37.0521, 0.3261, 0.3773
Android (android.graphics.Color)	4288326025 (0xFF9AA989)
YUV	160.8670, -11.7664, -6.0224
Hunter-Lab	60.8704, -12.6140, 14.2385

Details

The Yxy color **37.0521, 0.3261, 0.3773** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.4334, 0.2972, 0.2805**, and the grayscale version is **35.6287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5843, 0.3244, 0.3678**, and **16.2943, 0.3302, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **35.8525, 0.3328, 0.4053**, and if you desaturate by 10%, it is **38.3825, 0.3191, 0.3509**.

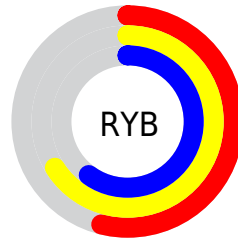
Distribution



Red (60%)

Green (66%)

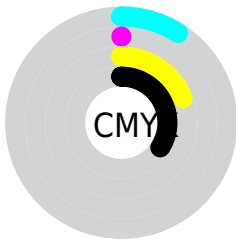
Blue (54%)



Red (54%)

Yellow (66%)

Blue (60%)

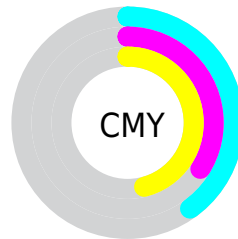


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (40%)


Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0521, 0.3261, 0.3773 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 37.0521, 0.3261, 0.3773 by changing the saturation by 10% instead.


 37.0521, 0.3261,
0.3773


 37.0521, 0.3261,
0.3773


333.5360, 0.3195,
0.3517


 25.2478, 0.3277,
0.3842


 70.6529, 0.3237,
0.3676

 16.2618, 0.3298,
0.3934


 93.2182, 0.3228,
0.3641

 9.7096, 0.3324,
0.4062


 120.1394, 0.3220,
0.3612

 5.2068, 0.3358,
0.4253

151.8007, 0.3214,
0.3587

 2.3691, 0.3400,
0.4564

188.5867, 0.3208,
0.3566

 0.8099, 0.3800,
0.6200

230.8816, 0.3203,

 0.0000, 0.0000,

0.3547

0.0000

279.0699, 0.3199,
0.3531

■ 37.0521, 0.3261,
0.3773

■ 37.0521, 0.3261,
0.3773

■ 35.8525, 0.3328,
0.4053

■ 38.3825, 0.3191,
0.3509

■ 34.7743, 0.3389,
0.4342

■ 39.8431, 0.3120,
0.3265

■ 33.8143, 0.3440,
0.4633

■ 41.4396, 0.3050,
0.3043

■ 32.9674, 0.3476,
0.4911

■ 43.1758, 0.2984,
0.2841

■ 32.2277, 0.3493,
0.5165

■ 45.0554, 0.2921,
0.2660

■ 31.5891, 0.3488,
0.5379

■ 47.0819, 0.2862,
0.2498

■ 31.0441, 0.3461,
0.5544

■ 49.2393, 0.2809,
0.2356

■ 30.5799, 0.3417,
0.5661

■ 50.4312, 0.2870,
0.2373

■ 30.5341, 0.3412,
0.5673

■ 51.6816, 0.2932,
0.2389

Harmonies

Analogous

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



37.0521, 0.3513, 0.3768



37.0521, 0.3261, 0.3773



37.0521, 0.2981, 0.3631

Triad

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



37.0521, 0.3261, 0.3773



37.0521, 0.2615, 0.2924



37.0521, 0.3515, 0.3183

Complementary

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



37.0521, 0.3261, 0.3773



27.4334, 0.2972, 0.2805

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.



37.0521, 0.3258, 0.2982



37.0521, 0.3261, 0.3773



37.0521, 0.2743, 0.2831

Square

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



37.0521, 0.3261, 0.3773



37.0521, 0.2617, 0.3123



37.0521, 0.2975, 0.2855



37.0521, 0.3666, 0.3417

Rectangle

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



37.0521, 0.3261, 0.3773



37.0521, 0.2817, 0.3474



37.0521, 0.2975, 0.2855



37.0521, 0.3438, 0.3110

Sweetspot

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



37.0537, 0.3261, 0.3773



69.4464, 0.3170, 0.3438



32.6780, 0.3449, 0.3512



15.1021, 0.3175, 0.3453



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.



37.0537, 0.3261, 0.3773



65.3606, 0.3292, 0.3896



35.5955, 0.3113, 0.3795



8.5961, 0.3193, 0.3518



22.7848, 0.3419, 0.5667



0.5844, 0.3673, 0.5465

Inverse Universe

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



27.4334, 0.2972, 0.2805



44.7350, 0.2928, 0.2681



29.0730, 0.3137, 0.2829



7.4669, 0.3057, 0.3062



3.4188, 0.1983, 0.0866



0.1138, 0.2373, 0.1081

Previews

White Background



This preview shows how the Yxy color 37.0521, 0.3261, 0.3773 looks on a white background.

Color Contrast Check

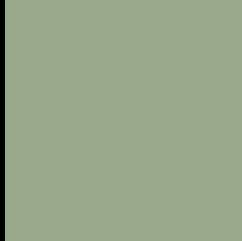
Large Text (above 18pt) WCAG AA × Fail

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 37.0521, 0.3261, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

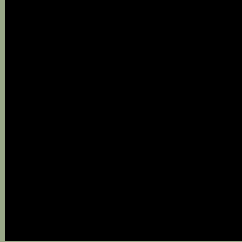
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

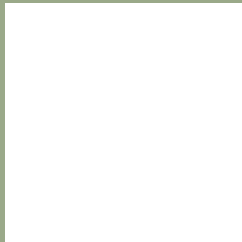
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0521, 0.3261, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 37.0521, 0.3261, 0.3773.



This preview shows how white text looks on a background with the Yxy color 37.0521, 0.3261, 0.3773.

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

37.0521, 0.3261, 0.3773

Protanopia

36.7999, 0.3489, 0.3707

Deuteranopia

36.6694, 0.3614, 0.3538



Tritanopia

37.1988, 0.2981, 0.3105

Trichromacy



Original Color

37.0521, 0.3261, 0.3773

Protanomaly

36.7665, 0.3404, 0.3730

Deuteranomaly

36.5548, 0.3488, 0.3618

Tritanomaly

37.1502, 0.3088, 0.3348

Monochromacy



Original Color

37.0521, 0.3261, 0.3773

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.0870, 0.3175, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0521, 0.3261, 0.3773 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(154, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.0521, 0.3261, 0.3773 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(154, 169, 137) }
```

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

```
.border{ border-color:rgb(154, 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(154, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 169, 137); box-shadow:4px 4px 4px 4px rgb(154, 169, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0521, 0.3261, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 169, 137) }
```

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

```
.background{ background-color: rgb(154,  
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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