

Converting Colors

$Yxy(37.1045, 0.3555, 0.3763)$

Have a look what the booklet for
Yxy(37.1045, 0.3555, 0.3763)
contains.

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Color

Yxy(37.0362, 0.3557, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	B0A382
RGB	176, 163, 130
RGB Percent	69%, 64%, 51%
CMY	0.3097, 0.3608, 0.4901
CMYK	0.00, 0.07, 0.26, 0.31
HSL	43°, 23%, 60%
HSV	43°, 26%, 69%
XYZ	35.0366, 37.0362, 26.4277
YIQ	163.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

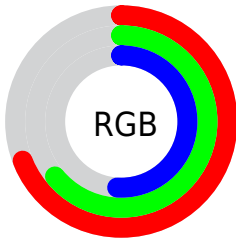
Format	Color
RYB	148, 176, 130
Decimal	11576194
CIELab	67.30, -0.56, 18.87
CIELCh	67, 18.880, 91.707
Yxy	37.0362, 0.3557, 0.3760
Android (android.graphics.Color)	4289766274 (0xFFB0A382)
YUV	163.1250, -16.3306, 11.2914
Hunter-Lab	60.8574, -3.7349, 16.8531

Details

The Yxy color **37.0362, 0.3557, 0.3760** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.5443, 0.2704, 0.2771**, and the grayscale version is **36.7630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7175, 0.3474, 0.3673**, and **16.1590, 0.3699, 0.3907** is the 20% darker color. If you saturate the color by 10%, you get **34.8687, 0.3743, 0.3945**, and if you desaturate by 10%, it is **39.3578, 0.3382, 0.3575**.

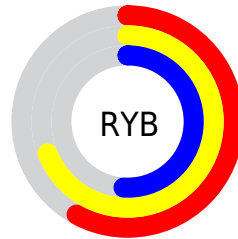
Distribution



Red (69%)

Green (64%)

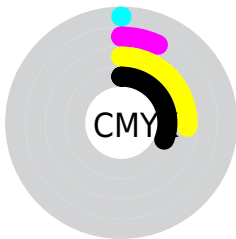
Blue (51%)



Red (58%)

Yellow (69%)

Blue (51%)

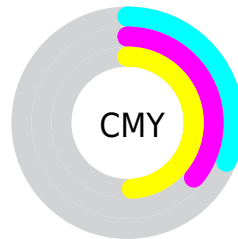


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0362, 0.3557, 0.3760 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 37.0362, 0.3557, 0.3760 by changing the saturation by 10% instead.


 37.0362, 0.3557,
0.3760


 37.0362, 0.3557,
0.3760


333.4672, 0.3335,
0.3517


 25.2355, 0.3614,
0.3823


 70.6285, 0.3475,
0.3670

 16.2526, 0.3689,
0.3905


 93.1888, 0.3444,
0.3636

 9.7031, 0.3789,
0.4016


 120.1045, 0.3419,
0.3608

 5.2025, 0.3931,
0.4173

151.7600, 0.3397,
0.3585

 2.3666, 0.4150,
0.4418

188.5396, 0.3378,
0.3564

 0.8086, 0.4828,
0.5172

230.8278, 0.3362,

 0.0000, 0.0000,

0.3546

0.0000

279.0088, 0.3348,
0.3531

■ 37.0362, 0.3557,
0.3760

■ 37.0362, 0.3557,
0.3760

■ 34.8687, 0.3743,
0.3945

■ 39.3578, 0.3382,
0.3575

■ 32.8453, 0.3936,
0.4122

■ 41.8330, 0.3220,
0.3396

■ 30.9624, 0.4130,
0.4284

■ 44.4679, 0.3072,
0.3225

■ 29.2143, 0.4318,
0.4419

■ 47.2666, 0.2938,
0.3065

■ 27.5946, 0.4489,
0.4517

■ 50.2331, 0.2818,
0.2916

■ 26.0959, 0.4637,
0.4570

■ 53.3710, 0.2710,
0.2779

■ 24.7089, 0.4755,
0.4576

■ 56.6841, 0.2614,
0.2653

■ 24.1958, 0.4798,
0.4572

■ 59.1130, 0.2611,
0.2694

■ 61.5049, 0.2618,
0.2753

Harmonies

Analogous

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



37.0362, 0.3686, 0.3602



37.0362, 0.3557, 0.3760



37.0362, 0.3314, 0.3793

Triad

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



37.0362, 0.3557, 0.3760



37.0362, 0.2623, 0.3166



37.0362, 0.3208, 0.2946

Complementary

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



37.0362, 0.3557, 0.3760



27.5443, 0.2704, 0.2771

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.



37.0362, 0.2924, 0.2834



37.0362, 0.3557, 0.3760



37.0362, 0.2597, 0.2947

Square

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



37.0362, 0.3557, 0.3760



37.0362, 0.2778, 0.3436



37.0362, 0.2704, 0.2831



37.0362, 0.3481, 0.3140

Rectangle

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



37.0362, 0.3557, 0.3760



37.0362, 0.3124, 0.3729



37.0362, 0.2704, 0.2831



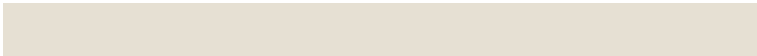
37.0362, 0.3110, 0.2898

Sweetspot

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



37.0379, 0.3557, 0.3760



74.9225, 0.3251, 0.3431



27.1888, 0.3520, 0.3101



16.0908, 0.3275, 0.3458



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0379, 0.3557, 0.3760



64.9914, 0.3656, 0.3860



40.7874, 0.3420, 0.3951



9.4916, 0.3270, 0.3453



17.8498, 0.4790, 0.4578



0.6547, 0.4589, 0.4738

Inverse Universe

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



27.5443, 0.2704, 0.2771



45.0346, 0.2608, 0.2645



24.6807, 0.2782, 0.2577



8.6092, 0.2985, 0.3122



4.0529, 0.1606, 0.0983



0.2292, 0.1767, 0.1562

Previews

White Background



This preview shows how the Yxy color 37.0362, 0.3557, 0.3760 looks on a white background.

Color Contrast Check

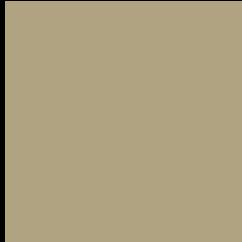
Large Text (above 18pt) WCAG AA × Fail

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 37.0362, 0.3557, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

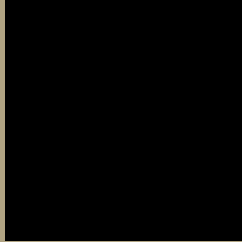
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0362, 0.3557, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 37.0362, 0.3557, 0.3760.



This preview shows how white text looks on a background with the Yxy color 37.0362, 0.3557, 0.3760.

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

37.0362, 0.3557, 0.3760

Protanopia

37.1613, 0.3533, 0.3777

Deuteranopia

36.8290, 0.3724, 0.3644



Tritanopia

37.1798, 0.3241, 0.3127

Trichromacy



Original Color

37.0362, 0.3557, 0.3760

Protanomaly

37.2766, 0.3543, 0.3776

Deuteranomaly

36.8741, 0.3664, 0.3677

Tritanomaly

37.0919, 0.3359, 0.3360

Monochromacy



Original Color

37.0362, 0.3557, 0.3760

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7536, 0.3282, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0362, 0.3557, 0.3760 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(176, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 130)  
}
```

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(176, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 130) }
```

Border

The CSS property to change the border of an element to Yxy 37.0362, 0.3557, 0.3760 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(176, 163, 130) }
```

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

```
.border{ border-color:rgb(176, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0362, 0.3557, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 130) }
```

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

```
.background{ background-color: rgb(176,  
163, 130) }
```

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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