

Converting Colors

XYZ(37.9954, 41.7169, 36.7357)

Have a look what the booklet for
XYZ(37.9954, 41.7169, 36.7357)
contains.

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Color

**XYZ(37.9573, 41.6510,
36.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAF9A
RGB	171, 175, 154
RGB Percent	67%, 69%, 60%
CMY	0.3294, 0.3137, 0.3961
CMYK	0.02, 0.00, 0.12, 0.31
HSL	71°, 12%, 65%
HSV	71°, 12%, 69%
XYZ	37.9573, 41.6510, 36.6107
YIQ	171.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

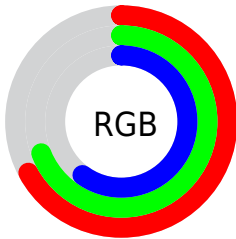
Format	Color
RYB	154, 175, 158
Decimal	11251610
CIELab	70.63, -5.20, 10.29
CIElCh	71, 11.527, 116.812
Yxy	41.6510, 0.3266, 0.3584
Android (android.graphics.Color)	4289441690 (0xFFABAF9A)
YUV	171.4100, -8.5831, -0.3596
Hunter-Lab	64.5376, -7.9573, 11.5424

Details

The XYZ color **37.9573, 41.6510, 36.6107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3957, 33.4766, 45.2612**, and the grayscale version is **38.9562, 40.9849, 44.6326**.

A 20% lighter version of the original color is **71.3251, 77.8746, 70.9466**, and **17.1389, 19.0671, 15.6090** is the 20% darker color. If you saturate the color by 10%, you get **35.8876, 40.7416, 29.4521**, and if you desaturate by 10%, it is **40.2601, 42.6585, 44.8913**.

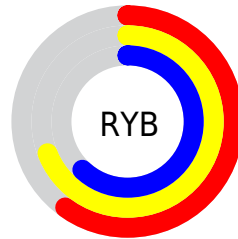
Distribution



Red (67%)

Green (69%)

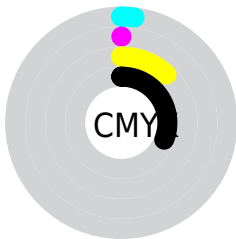
Blue (60%)



Red (60%)

Yellow (69%)

Blue (62%)

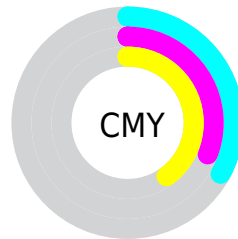


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9573, 41.6510, 36.6107 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 XYZ color 37.9573, 41.6510, 36.6107 by changing the saturation by 10% instead.

■ 37.9573, 41.6510,
36.6107

■ 37.9573, 41.6510,
36.6107

328.7208,
353.0342, 346.7398

■ 26.1266, 28.8281,
24.6128

■ 71.3470, 77.6712,
71.1533

■ 17.0516, 18.9508,
15.5724

■ 93.6367, 101.6372,
94.5350

■ 10.3668, 11.6348,
9.0710

120.1435,
130.0864, 122.5484

■ 5.7069, 6.4955,
4.6901

151.2327,
163.4033, 155.6121

■ 2.7067, 3.1486,
2.0111

187.2697,
201.9720, 194.1445

■ 1.0006, 1.2098,
0.5621

228.6198,

■ 0.0000, 0.0697,

246.1772, 238.5642

0.0000

275.6484,
296.4031, 289.2898

■ 0.0000, 0.0000,
0.0000

■ 37.9573, 41.6510,
36.6107

■ 37.9573, 41.6510,
36.6107

■ 35.8876, 40.7416,
29.4521

■ 40.2601, 42.6585,
44.8913

■ 34.0384, 39.9211,
23.3644

■ 42.8015, 43.7622,
54.3364

■ 32.4009, 39.1874,
18.2970

■ 45.5907, 44.9672,
64.9898

■ 30.9642, 38.5361,
14.1936

■ 48.6357, 46.2766,
76.8921

■ 29.7166, 37.9625,
10.9930

■ 51.9438, 47.6935,
90.0820

■ 28.6449, 37.4613,
8.6266

■ 54.8709, 48.9602,
101.1660

■ 27.7341, 37.0264,
7.0161

■ 55.7196, 49.3977,
101.2057

■ 26.9664, 36.6509,
6.0684

■ 56.5876, 49.8452,
101.2463

■ 26.4253, 36.3811,
5.6295

■ 57.4749, 50.3026,
101.2879

Harmonies

Analogous

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



39.7923, 41.6510, 35.6546



37.9573, 41.6510, 36.6107



36.5985, 41.6510, 39.8429

Triad

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



37.9573, 41.6510, 36.6107



37.6149, 41.6510, 54.7174



43.3625, 41.6510, 45.9373

Complementary

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



37.9573, 41.6510, 36.6107



33.3957, 33.4766, 45.2612

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.



42.7361, 41.6510, 51.3444



37.9573, 41.6510, 36.6107



39.3845, 41.6510, 56.6626

Square

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



37.9573, 41.6510, 36.6107



36.4053, 41.6510, 50.2535



41.2648, 41.6510, 55.3819



42.9510, 41.6510, 40.7779

Rectangle

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



37.9573, 41.6510, 36.6107



36.1248, 41.6510, 42.9973



41.2648, 41.6510, 55.3819



43.2658, 41.6510, 47.7888

Sweetspot

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



37.9584, 41.6528, 36.6116



71.2134, 76.0089, 77.1597



35.7146, 35.8508, 35.6100



15.7581, 16.8633, 16.8959



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.9584, 41.6528, 36.6116



67.1121, 74.2144, 62.5224



35.7916, 40.5358, 36.5102



8.5108, 9.2519, 8.5506



18.9719, 26.0774, 4.0335



0.5657, 0.7450, 0.1140

Inverse Universe

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



33.3957, 33.4766, 45.2612



57.5633, 57.1028, 80.6249



35.5179, 34.5706, 45.3605



7.7161, 7.8280, 10.0570



6.0390, 2.4731, 29.2036



0.2089, 0.0899, 0.8143

Previews

White Background



This preview shows how the XYZ color 37.9573, 41.6510, 36.6107 looks on a white background.

Color Contrast Check

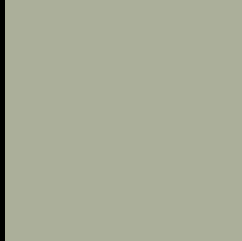
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.9573, 41.6510, 36.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

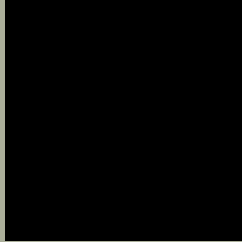
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

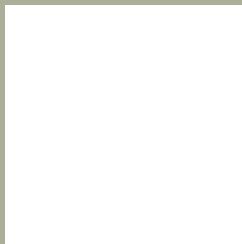
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9573, 41.6510, 36.6107

Background



This preview shows how black text looks on a background with the XYZ color 37.9573, 41.6510, 36.6107.



This preview shows how white text looks on a background with the XYZ color 37.9573, 41.6510,

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

37.9573, 41.6510, 36.6107

Protanopia

39.3247, 41.5083, 36.0763

Deuteranopia

42.4019, 41.4085, 37.2103



Tritanopia

40.8938, 41.7005, 51.2411

Trichromacy



Original Color

37.9573, 41.6510, 36.6107

Protanomaly

38.8248, 41.5342, 36.1076

Deuteranomaly

40.5979, 41.3073, 36.8437

Tritanomaly

39.7509, 41.5208, 45.4544

Monochromacy



Original Color

37.9573, 41.6510, 36.6107

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3386, 40.8796, 41.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9573, 41.6510, 36.6107 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(171, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 154)  
}
```

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(171, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 154) }
```

Border

The CSS property to change the border of an element to XYZ 37.9573, 41.6510, 36.6107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

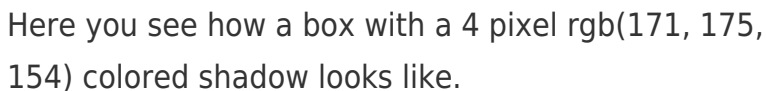
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 175, 154) }
```


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

```
.border{ border-color:rgb(171, 175, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9573, 41.6510, 36.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 154) }
```

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

```
.background{ background-color: rgb(171,  
175, 154) }
```

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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