

Converting Colors

XYZ(35.9877, 37.7041, 30.5802)

Have a look what the booklet for
XYZ(35.9877, 37.7041, 30.5802)
contains.

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Color

**XYZ(35.9877, 37.7041,
30.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A48D
RGB	176, 164, 141
RGB Percent	69%, 64%, 55%
CMY	0.3098, 0.3568, 0.4471
CMYK	0.00, 0.07, 0.20, 0.31
HSL	39°, 18%, 62%
HSV	39°, 20%, 69%
XYZ	35.9877, 37.7041, 30.5802
YIQ	164.9660, 14.5350, -4.6090

Conversions

Conversions Part 2

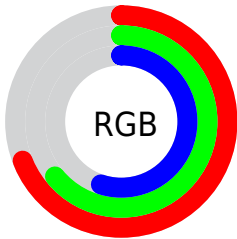
Format	Color
RYB	159, 176, 141
Decimal	11576461
CIELab	67.80, 0.51, 13.51
CIELCh	68, 13.520, 87.851
Yxy	37.7041, 0.3451, 0.3616
Android (android.graphics.Color)	4289766541 (0xFFB0A48D)
YUV	164.9660, -11.8152, 9.6768
Hunter-Lab	61.4037, -2.8404, 13.4550

Details

The XYZ color **35.9877, 37.7041, 30.5802** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2121, 31.5792, 45.5777**, and the grayscale version is **35.7987, 37.6630, 41.0150**.

A 20% lighter version of the original color is **68.4606, 71.7590, 61.8724**, and **15.8509, 16.5546, 12.2575** is the 20% darker color. If you saturate the color by 10%, you get **33.7270, 35.1144, 23.8710**, and if you desaturate by 10%, it is **38.5098, 40.4829, 38.4042**.

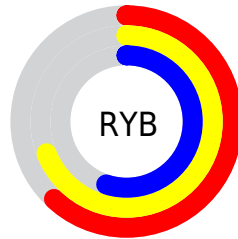
Distribution



Red (69%)

Green (64%)

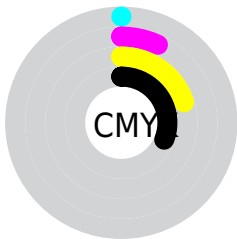
Blue (55%)



Red (62%)

Yellow (69%)

Blue (55%)

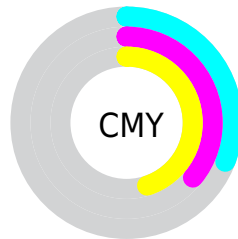


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9877, 37.7041, 30.5802 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 35.9877, 37.7041, 30.5802 by changing the saturation by 10% instead.

■ 35.9877, 37.7041,
30.5802

■ 35.9877, 37.7041,
30.5802

320.3390,
336.3489, 318.8907

■ 24.5948, 25.7531,
20.0236

■ 68.3371, 71.6544,
61.6503

■ 15.9025, 16.6390,
12.2280

■ 90.0242, 94.4225,
83.0010

■ 9.5456, 9.9775,
6.7747

■ 115.8735,
121.5650, 108.7867

■ 5.1587, 5.3840,
3.2453

146.2502,
153.4665, 139.4261

■ 2.3764, 2.4743,
1.2212

181.5198,
190.5112, 175.3376

■ 0.8333, 0.8637,
0.0000

222.0475,

■ 0.0000, 0.0000,

233.0836, 216.9399

0.0000

268.1988,
281.5680, 264.6514

■ 35.9877, 37.7041,
30.5802

■ 35.9877, 37.7041,
30.5802

■ 33.7270, 35.1144,
23.8710

■ 38.5098, 40.4829,
38.4042

■ 31.7142, 32.7034,
18.2224

■ 41.3000, 43.4507,
47.3890

■ 29.9389, 30.4671,
13.5791

■ 44.3688, 46.6140,
57.5811

■ 28.3889, 28.3994,
9.8797

■ 47.7249, 49.9775,
69.0236

■ 27.0505, 26.4936,
7.0564

■ 51.3768, 53.5455,
81.7575

■ 25.9083, 24.7425,
5.0318

■ 55.3323, 57.3222,
95.8218

■ 24.9443, 23.1374,
3.7150

■ 58.0819, 60.7048,
103.2637

■ 24.1216, 21.6624,
2.9157

■ 59.5644, 63.6697,
103.7578

■ 24.1126, 21.6461,
2.9072

■ 61.1033, 66.7474,
104.2708

Harmonies

Analogous

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



38.0208, 37.7041, 32.0485



35.9877, 37.7041, 30.5802



33.9893, 37.7041, 31.6835

Triad

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



35.9877, 37.7041, 30.5802



32.3951, 37.7041, 46.6762



39.3528, 37.7041, 47.4962

Complementary

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



35.9877, 37.7041, 30.5802



30.2121, 31.5792, 45.5777

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.



37.7496, 37.7041, 52.1092



35.9877, 37.7041, 30.5802



33.7377, 37.7041, 51.6043

Square

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



35.9877, 37.7041, 30.5802



31.9639, 37.7041, 40.6228



35.6860, 37.7041, 53.6803



40.0101, 37.7041, 41.4870

Rectangle

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



35.9877, 37.7041, 30.5802



32.9352, 37.7041, 33.7952



35.6860, 37.7041, 53.6803



38.9036, 37.7041, 49.2828

Sweetspot

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



35.9887, 37.7058, 30.5810



71.6985, 75.4160, 75.5607



33.2003, 30.5886, 34.4002



15.4702, 16.2711, 16.1574



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.



35.9887, 37.7058, 30.5810



63.3541, 66.2131, 49.7007



37.0736, 41.6040, 31.2762



8.9469, 9.4063, 8.9966



17.7477, 15.9940, 2.1518



0.6101, 0.6066, 0.0849

Inverse Universe

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



30.2121, 31.5792, 45.5777



50.8982, 53.0044, 82.0436



29.2604, 28.3188, 44.9985



8.2722, 8.6906, 10.7478



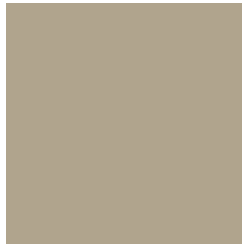
6.9976, 4.7955, 30.6938



0.2758, 0.2621, 0.9843

Previews

White Background



This preview shows how the XYZ color 35.9877, 37.7041, 30.5802 looks on a white background.

Color Contrast Check

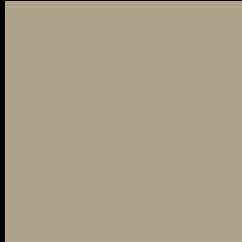
Large Text (above 18pt) WCAG AA × Fail

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 35.9877, 37.7041, 30.5802 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 35.9877, 37.7041, 30.5802

Background



This preview shows how black text looks on a background with the XYZ color 35.9877, 37.7041, 30.5802.



This preview shows how white text looks on a background with the XYZ color 35.9877, 37.7041,

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

35.9877, 37.7041, 30.5802

Protanopia

35.7184, 37.8320, 30.6191

Deuteranopia

38.2669, 37.5681, 30.8257



Tritanopia

38.8396, 37.8235, 44.2833

Trichromacy



Original Color

35.9877, 37.7041, 30.5802

Protanomaly

35.9420, 37.9473, 30.6295

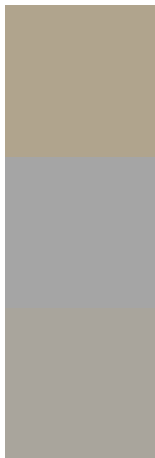
Deuteranomaly

37.3945, 37.6331, 30.8842

Tritanomaly

37.7683, 37.6467, 38.9941

Monochromacy



Original Color

35.9877, 37.7041, 30.5802

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8181, 37.7456, 36.8503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9877, 37.7041, 30.5802 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, 164, 141)` looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 141)  
}
```

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, 164, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 141) }
```

Border

The CSS property to change the border of an element to XYZ 35.9877, 37.7041, 30.5802 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, 164, 141) }
```


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

```
.border{ border-color:rgb(176, 164, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 164, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 141);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9877, 37.7041, 30.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 141) }
```

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

```
.background{ background-color: rgb(176,  
164, 141) }
```

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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