

Converting Colors

XYZ(37.0964, 39.3637, 30.4537)

Have a look what the booklet for
XYZ(37.0964, 39.3637, 30.4537)
contains.

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Color

**XYZ(37.0964, 39.3637,
30.4537)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A88C
RGB	178, 168, 140
RGB Percent	70%, 66%, 55%
CMY	0.3020, 0.3412, 0.4510
CMYK	0.00, 0.06, 0.21, 0.30
HSL	44°, 20%, 62%
HSV	44°, 21%, 70%
XYZ	37.0964, 39.3637, 30.4537
YIQ	167.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

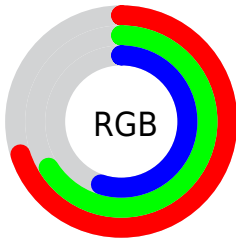
Format	Color
RYB	154, 178, 140
Decimal	11708556
CIELab	69.01, -1.04, 15.78
CIELCh	69, 15.815, 93.770
Yxy	39.3637, 0.3470, 0.3682
Android (android.graphics.Color)	4289898636 (0xFFB2A88C)
YUV	167.7980, -13.7044, 8.9472
Hunter-Lab	62.7405, -4.2547, 15.1395

Details

The XYZ color **37.0964, 39.3637, 30.4537** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.7574, 30.6019, 46.4582**, and the grayscale version is **37.1812, 39.1175, 42.5990**.

A 20% lighter version of the original color is **70.0570, 74.1628, 61.6614**, and **16.5483, 17.5889, 12.1957** is the 20% darker color. If you saturate the color by 10%, you get **35.0400, 37.1841, 23.8083**, and if you desaturate by 10%, it is **39.3983, 41.6941, 38.2295**.

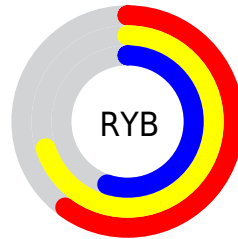
Distribution



Red (70%)

Green (66%)

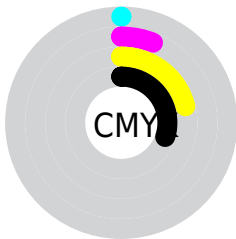
Blue (55%)



Red (60%)

Yellow (70%)

Blue (55%)

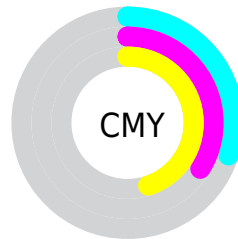


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0964, 39.3637, 30.4537 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 37.0964, 39.3637, 30.4537 by changing the saturation by 10% instead.

■ 37.0964, 39.3637,
30.4537

■ 37.0964, 39.3637,
30.4537

325.0760,
343.4343, 318.2865

■ 25.4562, 27.0428,
19.9282

■ 70.0339, 74.1936,
61.4484

■ 16.5478, 17.6054,
12.1593

■ 92.0619, 97.4714,
82.7547

■ 10.0059, 10.6670,
6.7284

■ 118.2831,
125.1702, 108.4918

■ 5.4652, 5.8434,
3.2170

149.0630,
157.6745, 139.0781

■ 2.5602, 2.7501,
1.2065

184.7668,
195.3687, 174.9321

■ 0.9257, 1.0027,
0.0000

225.7601,

■ 0.0000, 0.0000,

238.6371, 216.4725

0.0000

272.4080,
287.8642, 264.1178

■ 37.0964, 39.3637,
30.4537

■ 37.0964, 39.3637,
30.4537

■ 35.0400, 37.1841,
23.8083

■ 39.3983, 41.6941,
38.2295

■ 33.2156, 35.1451,
18.2369

■ 41.9526, 44.1744,
47.1833

■ 31.6128, 33.2436,
13.6821

■ 44.7694, 46.8105,
57.3630

■ 30.2192, 31.4741,
10.0803

■ 47.8575, 49.6065,
68.8133

■ 29.0209, 29.8303,
7.3604

■ 51.2253, 52.5661,
81.5764

■ 28.0024, 28.3056,
5.4413

■ 54.8806, 55.6931,
95.6927

■ 27.1450, 26.8920,
4.2270

■ 57.2462, 58.3569,
102.8546

■ 26.5001, 25.7448,
3.5725

■ 58.3529, 60.5704,
103.2235

■ 59.4932, 62.8510,
103.6036

Harmonies

Analogous

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



39.5962, 39.3637, 31.5810



37.0964, 39.3637, 30.4537



34.7854, 39.3637, 32.3310

Triad

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



37.0964, 39.3637, 30.4537



33.5298, 39.3637, 51.0440



41.9299, 39.3637, 49.2893

Complementary

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



37.0964, 39.3637, 30.4537



29.7574, 30.6019, 46.4582

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.



40.1719, 39.3637, 55.4586



37.0964, 39.3637, 30.4537



35.3135, 39.3637, 56.5488

Square

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



37.0964, 39.3637, 30.4537



32.7854, 39.3637, 43.7791



37.7334, 39.3637, 58.2480



42.4590, 39.3637, 41.9546

Rectangle

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



37.0964, 39.3637, 30.4537



33.6408, 39.3637, 35.1724



37.7334, 39.3637, 58.2480



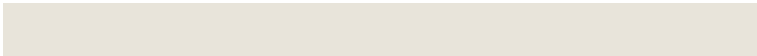
41.4593, 39.3637, 51.5941

Sweetspot

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



37.0974, 39.3655, 30.4545



73.8166, 77.9330, 77.5689



33.2544, 30.4280, 33.0315



16.2883, 17.2022, 16.9550



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.0974, 39.3655, 30.4545



65.3158, 69.3352, 48.8279



37.0452, 42.1844, 31.0014



9.0041, 9.5208, 9.0157



19.0143, 18.5271, 2.5739



0.6427, 0.6718, 0.0958

Inverse Universe

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



29.7574, 30.6019, 46.4582



49.4192, 50.3585, 83.4967



29.7846, 28.3481, 46.0218



8.2178, 8.5817, 10.7296



6.5170, 3.8343, 30.5336



0.2537, 0.2180, 0.9769

Previews

White Background



This preview shows how the XYZ color 37.0964, 39.3637, 30.4537 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 37.0964, 39.3637, 30.4537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

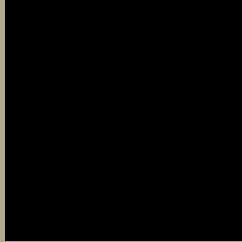
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0964, 39.3637, 30.4537

Background



This preview shows how black text looks on a background with the XYZ color 37.0964, 39.3637, 30.4537.



This preview shows how white text looks on a background with the XYZ color 37.0964, 39.3637,

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

37.0964, 39.3637, 30.4537

Protanopia

37.0964, 39.3637, 30.4537

Deuteranopia

39.9762, 39.2331, 30.6651



Tritanopia

40.4621, 39.3963, 46.5459

Trichromacy



Original Color

37.0964, 39.3637, 30.4537

Protanomaly

37.0964, 39.3637, 30.4537

Deuteranomaly

38.8222, 39.1654, 30.7128

Tritanomaly

39.1220, 39.3784, 40.1892

Monochromacy



Original Color

37.0964, 39.3637, 30.4537

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1874, 39.2445, 37.9627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0964, 39.3637, 30.4537 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(178, 168, 140)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 140)  
}
```

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(178, 168, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 140) }
```

Border

The CSS property to change the border of an element to XYZ 37.0964, 39.3637, 30.4537 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(178, 168, 140) }
```


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

```
.border{ border-color:rgb(178, 168, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 140);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0964, 39.3637, 30.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 140) }
```

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

```
.background{ background-color: rgb(178,  
168, 140) }
```

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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