

Converting Colors

XYZ(36.8596, 39.0730, 13.3837)

Have a look what the booklet for
XYZ(36.8596, 39.0730, 13.3837)
contains.

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Color

**XYZ(36.8596, 39.0730,
13.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A651
RGB	192, 166, 81
RGB Percent	75%, 65%, 32%
CMY	0.2471, 0.3490, 0.6823
CMYK	0.00, 0.14, 0.58, 0.25
HSL	46°, 47%, 54%
HSV	46°, 58%, 75%
XYZ	36.8596, 39.0730, 13.3837
YIQ	164.0840, 42.7810, -20.9230

Conversions

Conversions Part 2

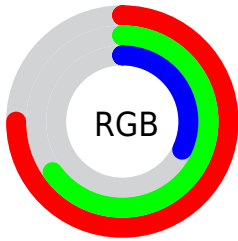
Format	Color
RYB	115, 192, 81
Decimal	12625489
CIELab	68.80, -0.91, 46.77
CIELCh	69, 46.781, 91.120
Yxy	39.0730, 0.4127, 0.4375
Android (android.graphics.Color)	4290815569 (0xFFC0A651)
YUV	164.0840, -40.9604, 24.4823
Hunter-Lab	62.5084, -4.1328, 31.0613

Details

The XYZ color **36.8596, 39.0730, 13.3837** is a light color, and the websafe version is hex **999933**. The color can be described as light muted orange. A complement of this color would be **18.1652, 16.0698, 52.0131**, and the grayscale version is **35.5021, 37.3510, 40.6752**.

A 20% lighter version of the original color is **69.8738, 73.9156, 32.7747**, and **16.4050, 17.3626, 3.7150** is the 20% darker color. If you saturate the color by 10%, you get **35.4361, 37.2200, 9.8455**, and if you desaturate by 10%, it is **38.5171, 41.0683, 18.0049**.

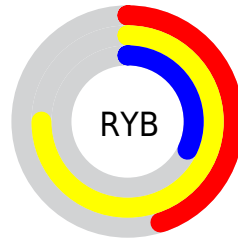
Distribution



Red (75%)

Green (65%)

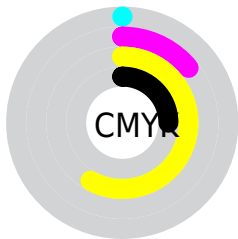
Blue (32%)



Red (45%)

Yellow (75%)

Blue (32%)

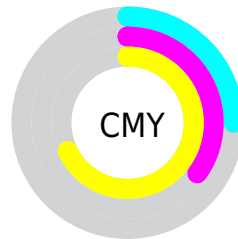


Cyan (0%)

Magenta (14%)

Yellow (58%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8596, 39.0730, 13.3837 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 36.8596, 39.0730, 13.3837 by changing the saturation by 10% instead.

■ 36.8596, 39.0730,
13.3837

■ 36.8596, 39.0730,
13.3837

324.0684,
342.2008, 224.6558

■ 25.2720, 26.8165,
7.5595

■ 69.6720, 73.7498,
32.6927

■ 16.4096, 17.4355,
3.7307

■ 91.6276, 96.9390,
47.0145

■ 9.9072, 10.5455,
1.4788

■ 117.7698,
124.5411, 65.0059

■ 5.3992, 5.7621,
0.2021

■ 148.4640,
156.9407, 87.0854

■ 2.5205, 2.7010,
0.0000

■ 184.0756,
194.5220, 113.6716

■ 0.9056, 0.9777,
0.0000

224.9700,

■ 0.0000, 0.0000,

237.6695, 145.1831

0.0000

271.5124,
286.7677, 182.0383

■ 36.8596, 39.0730,
13.3837

■ 36.8596, 39.0730,
13.3837

■ 35.4361, 37.2200,
9.8455

■ 38.5171, 41.0683,
18.0049

■ 34.2259, 35.4961,
7.2950

■ 40.4216, 43.2072,
23.7890

■ 33.2090, 33.8943,
5.6239

■ 42.5886, 45.4976,
30.8112

■ 32.3541, 32.4016,
4.6696

■ 45.0312, 47.9453,
39.1395

■ 32.1773, 32.0849,
4.4971

■ 47.7615, 50.5557,
48.8369

■ 50.7912, 53.3337,
59.9626

■ 54.1309, 56.2842,
72.5720

■ 57.7909, 59.4115,
86.7176

■ 61.7810, 62.7200,
102.4495

Harmonies

Analogous

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



44.4587, 39.0730, 15.8688



36.8596, 39.0730, 13.3837



30.2450, 39.0730, 16.2862

Triad

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



36.8596, 39.0730, 13.3837



26.2196, 39.0730, 67.3318



51.0746, 39.0730, 65.4709

Complementary

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



36.8596, 39.0730, 13.3837



18.1652, 16.0698, 52.0131

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.



45.0053, 39.0730, 87.9522



36.8596, 39.0730, 13.3837



30.6681, 39.0730, 89.2544

Square

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



36.8596, 39.0730, 13.3837



24.6281, 39.0730, 43.3474



37.4172, 39.0730, 97.8248



53.2956, 39.0730, 41.7503

Rectangle

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



36.8596, 39.0730, 13.3837



27.1070, 39.0730, 21.7149



37.4172, 39.0730, 97.8248



49.3802, 39.0730, 73.6681

Sweetspot

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



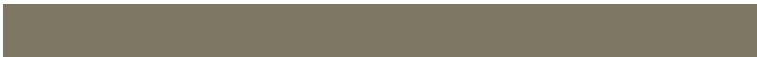
36.8605, 39.0749, 13.3845



81.8477, 87.1223, 71.8016



27.4276, 18.1904, 16.4635



17.3569, 18.4925, 14.7010



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.8605, 39.0749, 13.3845



63.6727, 66.7040, 16.6276



35.6963, 46.2122, 14.8235



10.7070, 11.3455, 10.6875



21.7139, 21.7136, 3.0467



0.9880, 1.0377, 0.1482

Inverse Universe

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



18.1652, 16.0698, 52.0131



26.7990, 21.4148, 93.0813



18.7331, 12.9264, 51.3765



9.7155, 10.1223, 12.7266



7.0833, 3.9231, 33.9405



0.3609, 0.2792, 1.4847

Previews

White Background



This preview shows how the XYZ color 36.8596, 39.0730, 13.3837 looks on a white background.

Color Contrast Check

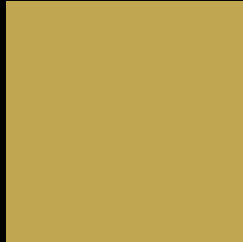
Large Text (above 18pt) WCAG AA × Fail

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 36.8596, 39.0730, 13.3837 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 36.8596, 39.0730, 13.3837

Background



This preview shows how black text looks on a background with the XYZ color 36.8596, 39.0730, 13.3837.



This preview shows how white text looks on a background with the XYZ color 36.8596, 39.0730,

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

36.8596, 39.0730, 13.3837

Protanopia

35.7753, 39.0536, 13.6352

Deuteranopia

39.8643, 39.0315, 13.6164



Tritanopia

42.8693, 38.9209, 42.7891

Trichromacy



Original Color

36.8596, 39.0730, 13.3837

Protanomaly

36.0807, 38.9380, 13.5968

Deuteranomaly

38.8004, 39.0064, 13.4666

Tritanomaly

40.1121, 38.8181, 29.0454

Monochromacy



Original Color

36.8596, 39.0730, 13.3837

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2138, 37.6302, 27.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8596, 39.0730, 13.3837 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(192, 166, 81)` looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 81)  
}
```

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(192, 166, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 81) }
```

Border

The CSS property to change the border of an element to XYZ 36.8596, 39.0730, 13.3837 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(192, 166, 81) }
```


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

```
.border{ border-color:rgb(192, 166, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 166, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 166, 81);  
box-shadow:4px 4px 4px 4px rgb(192, 166,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8596, 39.0730, 13.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 81) }
```

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

```
.background{ background-color: rgb(192,  
166, 81) }
```

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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