

Converting Colors

XYZ(37.0242, 40.8071, 18.0574)

Have a look what the booklet for
XYZ(37.0242, 40.8071, 18.0574)
contains.

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Color

**XYZ(37.0604, 40.7394,
17.9668)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AC64
RGB	185, 172, 100
RGB Percent	73%, 67%, 39%
CMY	0.2745, 0.3255, 0.6078
CMYK	0.00, 0.07, 0.46, 0.27
HSL	51°, 38%, 56%
HSV	51°, 46%, 73%
XYZ	37.0604, 40.7394, 17.9668
YIQ	167.6790, 30.8600, -19.6360

Conversions

Conversions Part 2

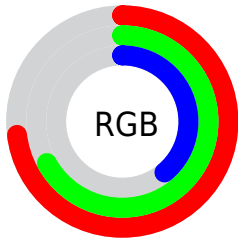
Format	Color
RYB	115, 185, 100
Decimal	12168292
CIELab	69.99, -5.38, 38.57
CIELCh	70, 38.939, 97.939
Yxy	40.7394, 0.3870, 0.4254
Android (android.graphics.Color)	4290358372 (0xFFB9AC64)
YUV	167.6790, -33.3657, 15.1905
Hunter-Lab	63.8274, -8.0547, 27.9896

Details

The XYZ color **37.0604, 40.7394, 17.9668** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.9176, 18.0219, 48.3278**, and the grayscale version is **37.2106, 39.1485, 42.6327**.

A 20% lighter version of the original color is **69.7545, 76.0824, 40.7147**, and **16.5199, 18.4178, 5.8163** is the 20% darker color. If you saturate the color by 10%, you get **35.7325, 39.3575, 13.5971**, and if you desaturate by 10%, it is **38.6051, 42.2293, 23.4128**.

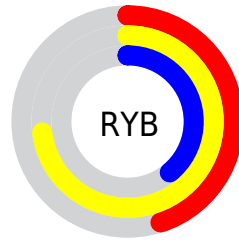
Distribution



Red (73%)

Green (67%)

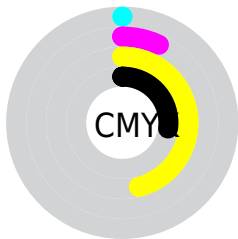
Blue (39%)



Red (45%)

Yellow (73%)

Blue (39%)

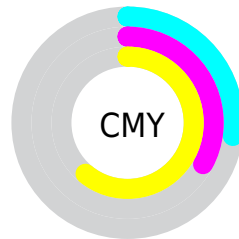


Cyan (0%)

Magenta (7%)

Yellow (46%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0604, 40.7394, 17.9668 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 37.0604, 40.7394, 17.9668 by changing the saturation by 10% instead.

■ 37.0604, 40.7394,
17.9668

■ 37.0604, 40.7394,
17.9668

324.9229,
349.2303, 252.9137

■ 25.4281, 28.1155,
10.7570

■ 69.9789, 76.2881,
40.7939

■ 16.5268, 18.4128,
5.7915

■ 91.9959, 99.9818,
57.2483

■ 9.9909, 11.2467,
2.6520

■ 118.2051,
128.1341, 77.6212

■ 5.4551, 6.2330,
0.9191

■ 148.9720,
161.1296, 102.3313

■ 2.5542, 2.9873,
0.0000

184.6618,
199.3525, 131.7970

■ 0.9227, 1.1251,
0.0000

225.6400,

■ 0.0000, 0.0000,

243.1873, 166.4370

0.0000

272.2720,
293.0185, 206.6697

■ 37.0604, 40.7394,
17.9668

■ 37.0604, 40.7394,
17.9668

■ 35.7325, 39.3575,
13.5971

■ 38.6051, 42.2293,
23.4128

■ 34.6044, 38.0722,
10.2278

■ 40.3763, 43.8268,
29.9991

■ 33.6613, 36.8791,
7.7769


■ 42.3867, 45.5386,
37.7877


■ 32.8850, 35.7707,
6.1486


■ 44.6471, 47.3690,
46.8355


■ 32.2521, 34.7375,
5.2206


■ 47.1677, 49.3222,
57.1955

 32.0165, 34.3320,
4.9393

 49.9581, 51.4023,
68.9180

 53.0274, 53.6129,
82.0504

 56.3841, 55.9575,
96.6379

 58.1287, 57.6765,
102.6767

Harmonies

Analogous

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



43.4883, 40.7394, 19.2119



37.0604, 40.7394, 17.9668



31.6929, 40.7394, 22.1098

Triad

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



37.0604, 40.7394, 17.9668



29.8726, 40.7394, 69.5024



51.1683, 40.7394, 58.8225

Complementary

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



37.0604, 40.7394, 17.9668



19.9176, 18.0219, 48.3278

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.



46.7195, 40.7394, 78.0250



37.0604, 40.7394, 17.9668



34.3166, 40.7394, 85.2725

Square

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



37.0604, 40.7394, 17.9668



27.8491, 40.7394, 49.3627



40.4317, 40.7394, 88.7571



52.1091, 40.7394, 39.7041

Rectangle

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



37.0604, 40.7394, 17.9668



29.2729, 40.7394, 28.2725



40.4317, 40.7394, 88.7571



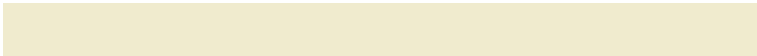
50.0118, 40.7394, 65.6167

Sweetspot

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



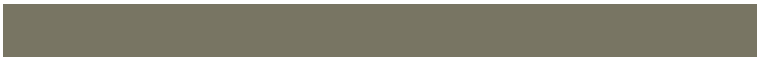
37.0614, 40.7413, 17.9676



76.5764, 82.1063, 70.2951



27.6119, 20.6478, 18.5000



16.3303, 17.5532, 14.4513



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.0614, 40.7413, 17.9676



64.0066, 70.4998, 24.3840



33.4892, 42.7528, 18.5442



9.6301, 10.2631, 9.5803



21.8432, 23.4627, 3.3775



0.8020, 0.8911, 0.1297

Inverse Universe

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



19.9176, 18.0219, 48.3278



29.5735, 24.8971, 85.4515



22.2669, 17.2327, 48.0517



8.6290, 8.9353, 11.3493



6.2849, 3.0294, 31.5066



0.2567, 0.1772, 1.1224

Previews

White Background



This preview shows how the XYZ color 37.0604, 40.7394, 17.9668 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 37.0604, 40.7394, 17.9668 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 37.0604, 40.7394, 17.9668

Background



This preview shows how black text looks on a background with the XYZ color 37.0604, 40.7394, 17.9668.



This preview shows how white text looks on a background with the XYZ color 37.0604, 40.7394,

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

37.0604, 40.7394, 17.9668

Protanopia

37.3567, 40.6107, 17.9263

Deuteranopia

41.5079, 40.5636, 18.2122



Tritanopia

42.9260, 40.6664, 46.6613

Trichromacy



Original Color

37.0604, 40.7394, 17.9668

Protanomaly

37.1129, 40.4850, 17.9149

Deuteranomaly

39.8046, 40.4914, 18.0296

Tritanomaly

40.2167, 40.3577, 33.6871

Monochromacy



Original Color

37.0604, 40.7394, 17.9668

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6015, 39.3578, 31.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0604, 40.7394, 17.9668 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(185, 172, 100)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 100)  
}
```

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(185, 172, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 100) }
```

Border

The CSS property to change the border of an element to XYZ 37.0604, 40.7394, 17.9668 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(185, 172, 100) }
```


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

```
.border{ border-color:rgb(185, 172, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 100);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0604, 40.7394, 17.9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 100) }
```

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

```
.background{ background-color: rgb(185,  
172, 100) }
```

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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