

Converting Colors

XYZ(37.6038, 36.4383, 44.4186)

Have a look what the booklet for
XYZ(37.6038, 36.4383, 44.4186)
contains.

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Color

**XYZ(37.7313, 36.4782,
44.5875)**

Conversions

Conversions Part 1

Format	Color
Hex	B19DAD
RGB	177, 157, 173
RGB Percent	69%, 62%, 68%
CMY	0.3059, 0.3843, 0.3216
CMYK	0.00, 0.11, 0.02, 0.31
HSL	312°, 11%, 65%
HSV	312°, 11%, 69%
XYZ	37.7313, 36.4782, 44.5875
YIQ	164.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

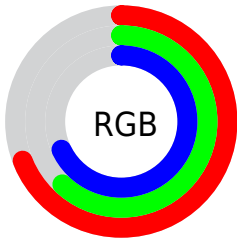
Format	Color
RYB	177, 157, 173
Decimal	11640237
CIELab	66.88, 10.21, -5.62
CIElCh	67, 11.657, 331.200
Yxy	36.4782, 0.3176, 0.3071
Android (android.graphics.Color)	4289830317 (0xFFB19DAD)
YUV	164.8040, 4.0406, 10.6959
Hunter-Lab	60.3972, 5.8174, -1.4921

Details

The XYZ color **37.7313, 36.4782, 44.5875** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0612, 41.1867, 39.7694**, and the grayscale version is **35.6502, 37.5068, 40.8449**.

A 20% lighter version of the original color is **71.1513, 70.0120, 83.1624**, and **16.9174, 15.9736, 20.2807** is the 20% darker color. If you saturate the color by 10%, you get **34.6132, 30.7826, 41.8804**, and if you desaturate by 10%, it is **41.2944, 43.0483, 47.4886**.

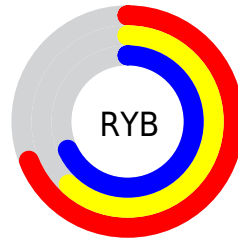
Distribution



Red (69%)

Green (62%)

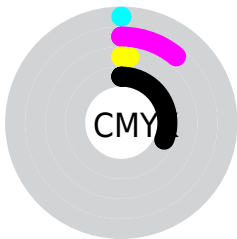
Blue (68%)



Red (69%)

Yellow (62%)

Blue (68%)

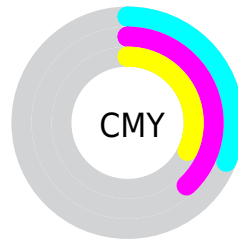


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7313, 36.4782, 44.5875 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 37.7313, 36.4782, 44.5875 by changing the saturation by 10% instead.

■ 37.7313, 36.4782,
44.5875

■ 37.7313, 36.4782,
44.5875

327.7667,
331.0459, 381.2116

■ 25.9505, 24.8037,
30.7921

■ 71.0027, 69.7695,
83.4129

■ 16.9191, 15.9309,
20.1834

■ 93.2239, 92.1552,
109.2800

■ 10.2718, 9.4753,
12.3430

119.6560,
118.8800, 140.0081

■ 5.6432, 5.0525,
6.8524

150.6643,
150.3284, 176.0156

■ 2.6679, 2.2781,
3.2929

186.6142,
186.8848, 217.7212

■ 0.9807, 0.7621,
1.2461

227.8710,

■ 0.0000, 0.0000,

228.9336, 265.5434

0.0170

274.8000,
276.8592, 319.9007

■ 0.0000, 0.0000,
0.0000

■ 37.7313, 36.4782,
44.5875

■ 37.7313, 36.4782,
44.5875

■ 34.6132, 30.7826,
41.8804

■ 41.2944, 43.0483,
47.4886

■ 31.9183, 25.9195,
39.3584

■ 45.3170, 50.5230,
50.5876

■ 29.6277, 21.8507,
37.0153

■ 49.8165, 58.9370,
53.8910

■ 27.7198, 18.5330,
34.8435

■ 54.8087, 68.3216,
57.4045

■ 26.1709, 15.9192,
32.8348

■ 60.3086, 78.7066,
61.1334

■ 24.9546, 13.9568,
30.9800

■ 63.6570, 84.7734,
64.1915

■ 24.0409, 12.5857,
29.2688

■ 64.0602, 84.9346,
66.3147

■ 23.3941, 11.7347,
27.6889

■ 64.4729, 85.0997,
68.4881

■ 22.9838, 11.2881,
26.3990

■ 64.8953, 85.2687,
70.7122

Harmonies

Analogous

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



36.4594, 36.4782, 48.6260



37.7313, 36.4782, 44.5875



38.1764, 36.4782, 39.5154

Triad

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



37.7313, 36.4782, 44.5875



34.6004, 36.4782, 30.7720



31.8487, 36.4782, 44.9693

Complementary

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



37.7313, 36.4782, 44.5875



36.0612, 41.1867, 39.7694

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.



31.3878, 36.4782, 39.9224



37.7313, 36.4782, 44.5875



32.9429, 36.4782, 31.9713

Square

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



37.7313, 36.4782, 44.5875



36.3323, 36.4782, 31.7955



31.7816, 36.4782, 35.2176



33.0620, 36.4782, 48.8593

Rectangle

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



37.7313, 36.4782, 44.5875



37.9328, 36.4782, 36.3064



31.7816, 36.4782, 35.2176



31.6026, 36.4782, 43.3381

Sweetspot

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



37.7324, 36.4798, 44.5883



72.7784, 74.9185, 84.1130



34.6923, 34.8672, 46.4972



15.6583, 16.0254, 18.1374



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.



37.7324, 36.4798, 44.5883



65.8523, 62.1728, 78.3932



36.8006, 36.1071, 39.6816



8.7757, 8.6170, 10.3174



16.6742, 8.1872, 19.2420



0.5432, 0.2650, 0.7031

Inverse Universe

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



37.7324, 36.4798, 44.5883



65.8523, 62.1728, 78.3932



36.9787, 41.5537, 44.6008



8.7757, 8.6170, 10.3174



16.6742, 8.1872, 19.2420



0.5432, 0.2650, 0.7031

Previews

White Background



This preview shows how the XYZ color 37.7313, 36.4782, 44.5875 looks on a white background.

Color Contrast Check

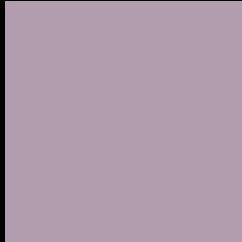
Large Text (above 18pt) WCAG AA × Fail

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 37.7313, 36.4782, 44.5875 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

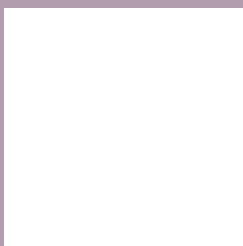
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7313, 36.4782, 44.5875

Background



This preview shows how black text looks on a background with the XYZ color 37.7313, 36.4782, 44.5875.



This preview shows how white text looks on a background with the XYZ color 37.7313, 36.4782,

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

37.7313, 36.4782, 44.5875

Protanopia

35.6571, 36.6566, 46.2704

Deuteranopia

37.2252, 36.4695, 44.6125



Tritanopia

37.6140, 36.7031, 43.1321

Trichromacy



Original Color

37.7313, 36.4782, 44.5875

Protanomaly

36.2450, 36.4522, 45.6831

Deuteranomaly

37.4489, 36.5848, 44.6230

Tritanomaly

37.7090, 36.7411, 43.6323

Monochromacy



Original Color

37.7313, 36.4782, 44.5875

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3504, 37.1028, 42.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7313, 36.4782, 44.5875 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(177, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(177, 157, 173)  
}
```

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(177, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 157, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.7313, 36.4782, 44.5875 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(177, 157, 173) }
```


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

```
.border{ border-color:rgb(177, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(177, 157,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7313, 36.4782, 44.5875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 157, 173) }
```

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

```
.background{ background-color: rgb(177,  
157, 173) }
```

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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