

Converting Colors

XYZ(37.8203, 33.8392, 45.3173)

Have a look what the booklet for
XYZ(37.8203, 33.8392, 45.3173)
contains.

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Color

**XYZ(37.7839, 33.8433,
45.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	B892AF
RGB	184, 146, 175
RGB Percent	72%, 57%, 69%
CMY	0.2784, 0.4274, 0.3137
CMYK	0.00, 0.21, 0.05, 0.28
HSL	314°, 21%, 65%
HSV	314°, 21%, 72%
XYZ	37.7839, 33.8433, 45.0984
YIQ	160.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

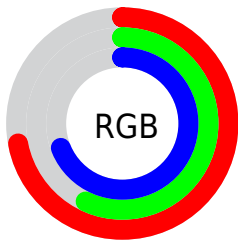
Format	Color
RYB	184, 146, 175
Decimal	12096175
CIELab	64.84, 19.20, -9.71
CIELCh	65, 21.518, 333.182
Yxy	33.8433, 0.3237, 0.2899
Android (android.graphics.Color)	4290286255 (0xFFB892AF)
YUV	160.6680, 7.0657, 20.4622
Hunter-Lab	58.1750, 14.1272, -5.2403

Details

The XYZ color **37.7839, 33.8433, 45.0984** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.9123, 42.7595, 37.4256**, and the grayscale version is **33.6871, 35.4414, 38.5957**.

A 20% lighter version of the original color is **71.0133, 65.6033, 84.5212**, and **17.0274, 14.4398, 20.6286** is the 20% darker color. If you saturate the color by 10%, you get **34.7517, 28.4525, 42.0100**, and if you desaturate by 10%, it is **41.2884, 40.1557, 48.4132**.

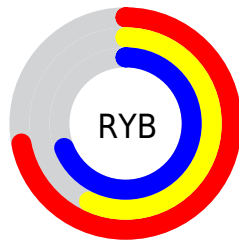
Distribution



Red (72%)

Green (57%)

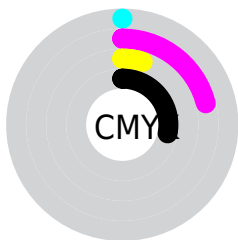
Blue (69%)



Red (72%)

Yellow (57%)

Blue (69%)

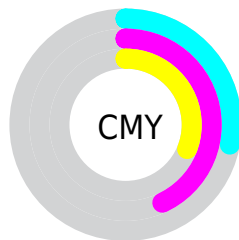


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7839, 33.8433, 45.0984 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 37.7839, 33.8433, 45.0984 by changing the saturation by 10% instead.


 37.7839, 33.8433,
45.0984


 37.7839, 33.8433,
45.0984


327.9890,
319.4328, 383.3437

 25.9915, 22.7732,
31.1914


 71.0828, 65.6899,
84.1881

 16.9499, 14.4262,
20.4850


 93.3200, 87.2353,
110.2078

 10.2939, 8.4177,
12.5605

119.7695,
113.0412, 141.1023

 5.6580, 4.3633,
6.9995

150.7967,
143.4920, 177.2900

 2.6769, 1.8788,
3.3833

186.7668,
178.9722, 219.1894

 0.9853, 0.5356,
1.2935

228.0454,

 0.0000, 0.0000,

219.8661, 267.2191

0.0565

274.9976,
266.5582, 321.7977

■ 0.0000, 0.0000,
0.0000

■ 37.7839, 33.8433,
45.0984

■ 37.7839, 33.8433,
45.0984

■ 34.7517, 28.4525,
42.0100

■ 41.2884, 40.1557,
48.4132

■ 32.1669, 23.9350,
39.1378

■ 45.2827, 47.4258,
51.9597

■ 30.0067, 20.2452,
36.4741

■ 49.7871, 55.6934,
55.7457

■ 28.2453, 17.3314,
34.0096

■ 54.8196, 64.9947,
59.7777

■ 26.8538, 15.1360,
31.7339

■ 60.3976, 75.3641,
64.0622

■ 25.7993, 13.5935,
29.6355

■ 66.0877, 85.9346,
68.4552

■ 25.0428, 12.6264,
27.7007

■ 66.6084, 86.1429,
71.1970

■ 24.5319, 12.0963,
26.0146

■ 67.1437, 86.3570,
74.0159

■ 67.6938, 86.5770,
76.9128

Harmonies

Analogous

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



35.5400, 33.8433, 53.0589



37.7839, 33.8433, 45.0984



38.4916, 33.8433, 35.9104

Triad

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



37.7839, 33.8433, 45.0984



31.8374, 33.8433, 22.3006



27.4328, 33.8433, 47.0019

Complementary

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



37.7839, 33.8433, 45.0984



34.9123, 42.7595, 37.4256

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.



26.5762, 33.8433, 37.8050



37.7839, 33.8433, 45.0984



29.0145, 33.8433, 24.3317

Square

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



37.7839, 33.8433, 45.0984



34.9313, 33.8433, 23.6204



27.1364, 33.8433, 29.6735



29.5526, 33.8433, 54.2760

Rectangle

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



37.7839, 33.8433, 45.0984



37.9621, 33.8433, 30.5312



27.1364, 33.8433, 29.6735



26.9940, 33.8433, 43.9846

Sweetspot

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



37.7849, 33.8448, 45.0991



78.0277, 78.5685, 90.6333



32.4241, 30.9756, 49.6178



16.7216, 16.7567, 19.4499



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.



37.7849, 33.8448, 45.0991



65.7690, 56.4884, 79.0335



36.0593, 33.1546, 36.0122



9.2875, 9.1254, 10.8614



16.9355, 8.3480, 18.0790



0.6194, 0.3032, 0.7552

Inverse Universe

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



37.7849, 33.8448, 45.0991



65.7690, 56.4884, 79.0335



36.6227, 43.4436, 46.4325



9.2875, 9.1254, 10.8614



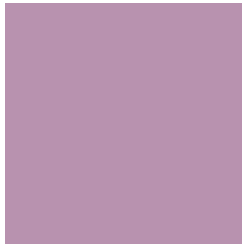
16.9355, 8.3480, 18.0790



0.6194, 0.3032, 0.7552

Previews

White Background



This preview shows how the XYZ color 37.7839, 33.8433, 45.0984 looks on a white background.

Color Contrast Check

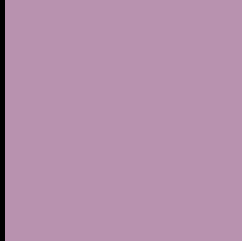
Large Text (above 18pt) WCAG AA × Fail

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 37.7839, 33.8433, 45.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

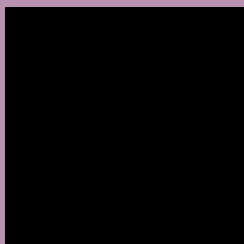
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7839, 33.8433, 45.0984

Background



This preview shows how black text looks on a background with the XYZ color 37.7839, 33.8433, 45.0984.



This preview shows how white text looks on a background with the XYZ color 37.7839, 33.8433,

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

37.7839, 33.8433, 45.0984

Protanopia

33.4688, 33.9266, 49.0405

Deuteranopia

34.5483, 33.8378, 44.7549



Tritanopia

36.3840, 33.9780, 37.8985

Trichromacy



Original Color

37.7839, 33.8433, 45.0984

Protanomaly

34.6748, 33.6037, 47.3064

Deuteranomaly

35.5596, 33.6393, 44.6632

Tritanomaly

36.9099, 33.9637, 40.2076

Monochromacy



Original Color

37.7839, 33.8433, 45.0984

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.1336, 34.9651, 40.9736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7839, 33.8433, 45.0984 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(184, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 146, 175)  
}
```

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(184, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 146, 175) }
```

Border

The CSS property to change the border of an element to XYZ 37.7839, 33.8433, 45.0984 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(184, 146, 175) }
```


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

```
.border{ border-color:rgb(184, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 146,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7839, 33.8433, 45.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 146, 175) }
```

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

```
.background{ background-color: rgb(184,  
146, 175) }
```

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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