

Converting Colors

XYZ(37.9286, 39.4023, 35.7433)

Have a look what the booklet for
XYZ(37.9286, 39.4023, 35.7433)
contains.

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Color

**XYZ(37.9286, 39.4023,
35.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A799
RGB	178, 167, 153
RGB Percent	70%, 65%, 60%
CMY	0.3020, 0.3451, 0.4000
CMYK	0.00, 0.06, 0.14, 0.30
HSL	34°, 14%, 65%
HSV	34°, 14%, 70%
XYZ	37.9286, 39.4023, 35.7433
YIQ	168.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

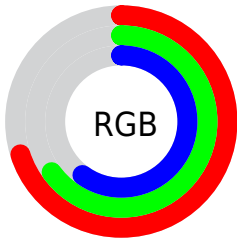
Format	Color
RYB	173, 178, 153
Decimal	11708313
CIELab	69.04, 1.55, 8.66
CIELCh	69, 8.795, 79.832
Yxy	39.4023, 0.3354, 0.3485
Android (android.graphics.Color)	4289898393 (0xFFB2A799)
YUV	168.6930, -7.7366, 8.1622
Hunter-Lab	62.7713, -1.9937, 10.1789

Details

The XYZ color **37.9286, 39.4023, 35.7433** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4481, 36.5369, 47.3566**, and the grayscale version is **37.5945, 39.5523, 43.0725**.

A 20% lighter version of the original color is **71.3154, 74.2400, 69.6025**, and **16.9865, 17.5808, 15.0685** is the 20% darker color. If you saturate the color by 10%, you get **35.1758, 36.0764, 28.1055**, and if you desaturate by 10%, it is **40.9897, 42.9931, 44.5670**.

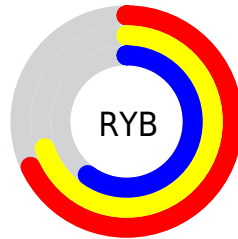
Distribution



Red (70%)

Green (65%)

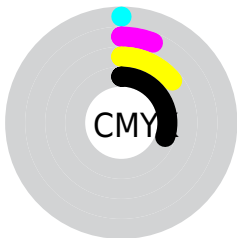
Blue (60%)



Red (68%)

Yellow (70%)

Blue (60%)

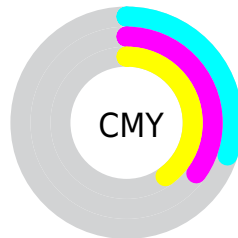


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9286, 39.4023, 35.7433 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 37.9286, 39.4023, 35.7433 by changing the saturation by 10% instead.

■ 37.9286, 39.4023,
35.7433

■ 37.9286, 39.4023,
35.7433

328.5997,
343.5979, 342.8406

■ 26.1042, 27.0728,
23.9479

■ 71.3033, 74.2525,
69.8002

■ 17.0347, 17.6279,
15.0831

■ 93.5843, 97.5420,
92.8989

■ 10.3547, 10.6832,
8.7305

120.0816,
125.2537, 120.6023

■ 5.6988, 5.8542,
4.4714

151.1606,
157.7719, 153.3291

■ 2.7017, 2.7566,
1.8874

187.1865,
195.4810, 191.4978

■ 0.9981, 1.0060,
0.4847

228.5248,

■ 0.0000, 0.0000,

238.7654, 235.5269

0.0000

275.5407,
288.0096, 285.8350

■ 37.9286, 39.4023,
35.7433

■ 37.9286, 39.4023,
35.7433

■ 35.1758, 36.0764,
28.1055

■ 40.9897, 42.9931,
44.5670

■ 32.7170, 33.0033,
21.5994

■ 44.3666, 46.8503,
54.6222

■ 30.5413, 30.1775,
16.1707

■ 48.0702, 50.9818,
65.9554

■ 28.6357, 27.5911,
11.7593

■ 52.1102, 55.3938,
78.6100

■ 26.9861, 25.2360,
8.2993

■ 56.4956, 60.0921,
92.6270

■ 25.5770, 23.1032,
5.7169

■ 60.4524, 64.7693,
103.9233

■ 24.3906, 21.1826,
3.9270

■ 62.4817, 68.8278,
104.5997

■ 23.4057, 19.4630,
2.8277

■ 64.6075, 73.0795,
105.3083

■ 22.8891, 18.5228,
2.3689

■ 66.8311, 77.5268,
106.0495

Harmonies

Analogous

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



39.2165, 39.4023, 37.2693



37.9286, 39.4023, 35.7433



36.5436, 39.4023, 36.0422

Triad

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



37.9286, 39.4023, 35.7433



34.9717, 39.4023, 45.5752



39.5486, 39.4023, 48.0773

Complementary

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



37.9286, 39.4023, 35.7433



34.4481, 36.5369, 47.3566

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.



38.3727, 39.4023, 50.5822



37.9286, 39.4023, 35.7433



35.7387, 39.4023, 49.0764

Square

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



37.9286, 39.4023, 35.7433



34.8595, 39.4023, 41.5539



36.9768, 39.4023, 50.9588



40.1672, 39.4023, 44.2798

Rectangle

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



37.9286, 39.4023, 35.7433



35.7504, 39.4023, 37.2428



36.9768, 39.4023, 50.9588



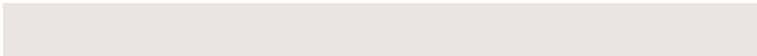
39.2041, 39.4023, 49.1082

Sweetspot

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



37.9297, 39.4040, 35.7441



74.3173, 77.9481, 80.7767



36.4753, 34.9373, 40.0621



16.3686, 17.1578, 17.6139



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.



37.9297, 39.4040, 35.7441



67.0998, 69.4438, 60.0868



39.7452, 43.4590, 36.4311



8.8779, 9.2684, 8.9736



16.4408, 13.3801, 1.7161



0.5742, 0.5348, 0.0730

Inverse Universe

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



34.4481, 36.5369, 47.3566



59.4986, 63.1845, 85.4411



32.8017, 32.8919, 46.7399



8.3393, 8.8248, 10.7702



7.7748, 6.3499, 30.9529



0.3031, 0.3167, 0.9934

Previews

White Background



This preview shows how the XYZ color 37.9286, 39.4023, 35.7433 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 37.9286, 39.4023, 35.7433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

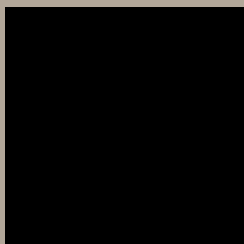
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

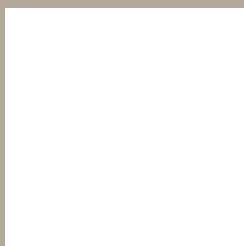
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9286, 39.4023, 35.7433

Background



This preview shows how black text looks on a background with the XYZ color 37.9286, 39.4023, 35.7433.



This preview shows how white text looks on a background with the XYZ color 37.9286, 39.4023,

35.7433.

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

37.9286, 39.4023, 35.7433

Protanopia

37.4316, 39.4191, 35.7728

Deuteranopia

40.1651, 39.4746, 36.0743



Tritanopia

40.1680, 39.5093, 46.5833

Trichromacy



Original Color

37.9286, 39.4023, 35.7433

Protanomaly

37.6569, 39.5353, 35.7833

Deuteranomaly

39.3579, 39.3231, 36.0876

Tritanomaly

39.3454, 39.4407, 42.5849

Monochromacy



Original Color

37.9286, 39.4023, 35.7433

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.6267, 39.4203, 40.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9286, 39.4023, 35.7433 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, 167, 153)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 153)  
}
```

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, 167, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.9286, 39.4023, 35.7433 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, 167, 153) }
```


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

```
.border{ border-color:rgb(178, 167, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 153);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9286, 39.4023, 35.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 153) }
```

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

```
.background{ background-color: rgb(178,  
167, 153) }
```

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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