

Converting Colors

XYZ(37.7257, 39.3018, 33.6146)

Have a look what the booklet for
XYZ(37.7257, 39.3018, 33.6146)
contains.

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Color

**XYZ(37.7544, 39.3593,
33.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A794
RGB	179, 167, 148
RGB Percent	70%, 65%, 58%
CMY	0.2980, 0.3451, 0.4196
CMYK	0.00, 0.07, 0.17, 0.30
HSL	37°, 17%, 64%
HSV	37°, 17%, 70%
XYZ	37.7544, 39.3593, 33.6242
YIQ	168.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

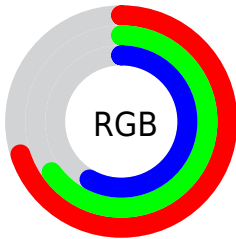
Format	Color
R _Y B	168, 179, 148
Decimal	11773844
CIE Lab	69.01, 1.12, 11.39
CIE LCh	69, 11.441, 84.374
Yxy	39.3593, 0.3409, 0.3554
Android (android.graphics.Color)	4289963924 (0xFFB3A794)
YUV	168.4220, -10.0680, 9.2769
Hunter-Lab	62.7370, -2.3705, 12.1391

Details

The XYZ color **37.7544, 39.3593, 33.6242** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9200, 34.6913, 47.6090**, and the grayscale version is **37.4712, 39.4226, 42.9312**.

A 20% lighter version of the original color is **71.0429, 74.1690, 66.4488**, and **16.8926, 17.5602, 13.8084** is the 20% darker color. If you saturate the color by 10%, you get **35.2109, 36.3668, 26.3184**, and if you desaturate by 10%, it is **40.5872, 42.5789, 42.1083**.

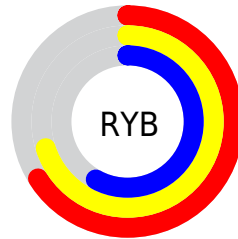
Distribution



Red (70%)

Green (65%)

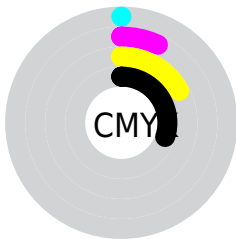
Blue (58%)



Red (66%)

Yellow (70%)

Blue (58%)

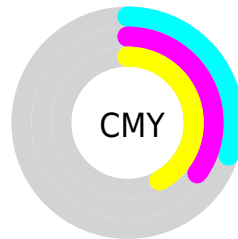


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (30%)



Cyan (30%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7544, 39.3593, 33.6242 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 37.7544, 39.3593, 33.6242 by changing the saturation by 10% instead.


 37.7544, 39.3593,
33.6242


 37.7544, 39.3593,
33.6242


327.8643,
343.4157, 333.1710

 25.9685, 27.0394,
22.3300

 71.0379, 74.1869,
66.4760

 16.9326, 17.6028,
13.8990


 93.2661, 97.4633,
88.8708

 10.2815, 10.6652,
7.9125


119.7059,
125.1607, 115.8028

 5.6497, 5.8422,
3.9520

150.7225,
157.6634, 147.6907

 2.6719, 2.7493,
1.5991

186.6812,
195.3559, 184.9529

 0.9827, 1.0023,
0.2901

227.9476,

 0.0000, 0.0000,

238.6225, 228.0079

0.0000

274.8868,
287.8476, 277.2745

■ 37.7544, 39.3593,
33.6242

■ 37.7544, 39.3593,
33.6242

■ 35.2109, 36.3668,
26.3184

■ 40.5872, 42.5789,
42.1083

■ 32.9423, 33.5901,
20.1353

■ 43.7165, 46.0262,
51.8182

■ 30.9379, 31.0243,
15.0184

■ 47.1531, 49.7085,
62.8014

■ 29.1848, 28.6627,
10.9051

■ 50.9066, 53.6311,
75.1025

■ 27.6687, 26.4977,
7.7264

■ 54.9857, 57.7991,
88.7637

■ 26.3738, 24.5210,
5.4045

■ 59.3344, 62.1916,
103.4847

■ 25.2817, 22.7235,
3.8486

■ 61.0664, 65.6556,
104.0620

■ 24.3659, 21.0925,
2.9249

■ 62.8731, 69.2690,
104.6642

■ 24.1376, 20.6780,
2.7191

■ 64.7555, 73.0337,
105.2917

Harmonies

Analogous

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



39.4883, 39.3593, 35.2050



37.7544, 39.3593, 33.6242



35.9823, 39.3593, 34.3491

Triad

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



37.7544, 39.3593, 33.6242



34.3080, 39.3593, 47.1320



40.3310, 39.3593, 48.9709

Complementary

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



37.7544, 39.3593, 33.6242



32.9200, 34.6913, 47.6090

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.



38.8747, 39.3593, 52.6619



37.7544, 39.3593, 33.6242



35.4056, 39.3593, 51.5413

Square

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



37.7544, 39.3593, 33.6242



34.0299, 39.3593, 41.8793



37.0674, 39.3593, 53.6386



41.0065, 39.3593, 43.8469

Rectangle

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



37.7544, 39.3593, 33.6242



35.0124, 39.3593, 36.0751



37.0674, 39.3593, 53.6386



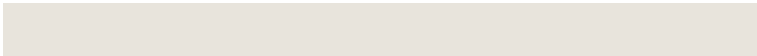
39.9143, 39.3593, 50.4365

Sweetspot

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



37.7555, 39.3611, 33.6250



73.8951, 77.6003, 79.1050



35.5609, 33.3161, 37.9983



16.2878, 17.0993, 17.2688



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.



37.7555, 39.3611, 33.6250



65.7183, 68.2820, 54.6903



39.3476, 43.5970, 34.3587



8.9154, 9.3433, 8.9861



17.1213, 14.7411, 1.9429



0.5932, 0.5729, 0.0793

Inverse Universe

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



32.9200, 34.6913, 47.6090



55.3391, 58.2596, 84.7097



31.5081, 31.0239, 46.9756



8.3026, 8.7515, 10.7579



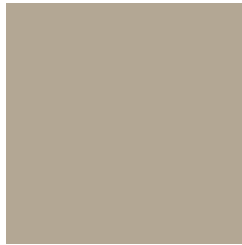
7.3244, 5.4491, 30.8027



0.2880, 0.2866, 0.9884

Previews

White Background



This preview shows how the XYZ color 37.7544, 39.3593, 33.6242 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 37.7544, 39.3593, 33.6242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

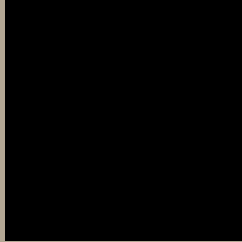
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7544, 39.3593, 33.6242

Background



This preview shows how black text looks on a background with the XYZ color 37.7544, 39.3593, 33.6242.



This preview shows how white text looks on a background with the XYZ color 37.7544, 39.3593,

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

37.7544, 39.3593, 33.6242

Protanopia

37.2524, 39.3735, 33.6534

Deuteranopia

40.0834, 39.2171, 33.8908



Tritanopia

40.4621, 39.3963, 46.5459

Trichromacy



Original Color

37.7544, 39.3593, 33.6242

Protanomaly

37.4794, 39.4905, 33.6640

Deuteranomaly

39.1938, 39.2856, 33.9509

Tritanomaly

39.4498, 39.2492, 41.5730

Monochromacy



Original Color

37.7544, 39.3593, 33.6242

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4489, 39.3491, 39.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7544, 39.3593, 33.6242 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(179, 167, 148)` looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 148)  
}
```

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(179, 167, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 148) }
```

Border

The CSS property to change the border of an element to XYZ 37.7544, 39.3593, 33.6242 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(179, 167, 148) }
```


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

```
.border{ border-color:rgb(179, 167, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 167, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 167, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 167, 148);  
box-shadow:4px 4px 4px 4px rgb(179, 167,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7544, 39.3593, 33.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 148) }
```

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

```
.background{ background-color: rgb(179,  
167, 148) }
```

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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