

Converting Colors

XYZ(39.1323, 37.7465, 31.8063)

Have a look what the booklet for
XYZ(39.1323, 37.7465, 31.8063)
contains.

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Color

**XYZ(38.9991, 37.6738,
31.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	C09E90
RGB	192, 158, 144
RGB Percent	75%, 62%, 56%
CMY	0.2471, 0.3804, 0.4353
CMYK	0.00, 0.18, 0.25, 0.25
HSL	18°, 28%, 66%
HSV	18°, 25%, 75%
XYZ	38.9991, 37.6738, 31.6019
YIQ	166.5700, 24.7580, 2.8540

Conversions

Conversions Part 2

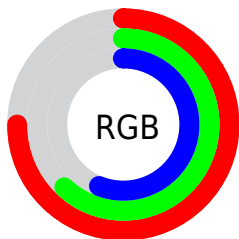
Format	Color
R_{YB}	192, 164, 144
Decimal	12623504
CIE _{Lab}	67.78, 10.42, 12.03
CIE _{LCh}	68, 15.917, 49.089
Yxy	37.6738, 0.3602, 0.3479
Android (android.graphics.Color)	4290813584 (0xFFC09E90)
YUV	166.5700, -11.1270, 22.3021
Hunter-Lab	61.3790, 6.0025, 12.4389

Details

The XYZ color **38.9991, 37.6738, 31.6019** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9360, 41.5747, 55.9472**, and the grayscale version is **36.5663, 38.4706, 41.8944**.

A 20% lighter version of the original color is **73.0542, 71.8055, 63.4355**, and **17.7593, 16.7268, 12.8823** is the 20% darker color. If you saturate the color by 10%, you get **35.4622, 32.7519, 23.7883**, and if you desaturate by 10%, it is **43.0443, 43.2123, 40.8171**.

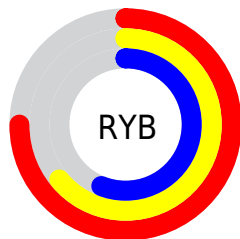
Distribution



Red (75%)

Green (62%)

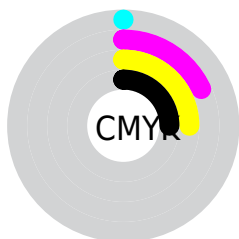
Blue (56%)



Red (75%)

Yellow (64%)

Blue (56%)

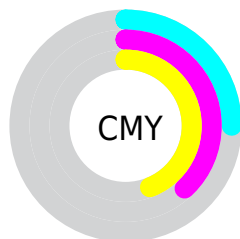


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9991, 37.6738, 31.6019 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 38.9991, 37.6738, 31.6019 by changing the saturation by 10% instead.

 38.9991, 37.6738,
31.6019


 38.9991, 37.6738,
31.6019

333.0939,
336.2186, 323.7384

 26.9397, 25.7296,
20.7953


 72.9310, 71.6079,
63.2771

 17.6643, 16.6215,
12.7847


 95.5343, 94.3666,
84.9828

 10.8075, 9.9650,
7.1515


122.3829,
121.4989, 111.1586

 6.0039, 5.3757,
3.4771

153.8423,
153.3892, 142.2231

 2.8881, 2.4694,
1.3431

190.2777,
190.4219, 178.5948

 1.0949, 0.8612,
0.0967

232.0545,

 0.0208, 0.0000,

232.9815, 220.6922

0.0000

279.5381,
281.4522, 268.9339

■ 0.0000, 0.0000,
0.0000

■ 38.9991, 37.6738,
31.6019

■ 38.9991, 37.6738,
31.6019

■ 35.4622, 32.7519,
23.7883

■ 43.0443, 43.2123,
40.8171

■ 32.4096, 28.4199,
17.3046

■ 47.6145, 49.3829,
51.4961

■ 29.8199, 24.6563,
12.0766

■ 52.7293, 56.2069,
63.6999

■ 27.6687, 21.4366,
8.0213

■ 58.4063, 63.7029,
77.4855

■ 25.9290, 18.7343,
5.0459

■ 64.6623, 71.8890,
92.9071

■ 24.5707, 16.5203,
3.0433

■ 70.8295, 80.5089,
106.4144

■ 23.5582, 14.7622,
1.8834

■ 74.9749, 88.7997,
107.7962

■ 23.1532, 14.0363,
1.4890

■ 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



40.4715, 37.6738, 36.7434



38.9991, 37.6738, 31.6019



36.7116, 37.6738, 29.0936

Triad

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



38.9991, 37.6738, 31.6019



31.3567, 37.6738, 38.5067



37.3788, 37.6738, 55.2163

Complementary

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



38.9991, 37.6738, 31.6019



36.9360, 41.5747, 55.9472

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.



34.9190, 37.6738, 55.8287



38.9991, 37.6738, 31.6019



31.5170, 37.6738, 45.6169

Square

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



38.9991, 37.6738, 31.6019



32.3473, 37.6738, 32.7651



32.7956, 37.6738, 52.1457



39.5067, 37.6738, 50.5574

Rectangle

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



38.9991, 37.6738, 31.6019



35.0650, 37.6738, 29.0341



32.7956, 37.6738, 52.1457



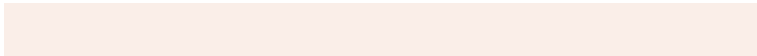
36.5610, 37.6738, 55.9208

Sweetspot

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



39.0001, 37.6755, 31.6027



84.4441, 87.0193, 88.9931



39.7879, 34.3839, 46.8703



18.0052, 18.5193, 18.8314



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.0001, 37.6755, 31.6027



67.0409, 63.2407, 49.1946



43.4186, 46.5126, 33.0755



10.3073, 10.5460, 10.5542



15.6388, 9.5633, 1.0217



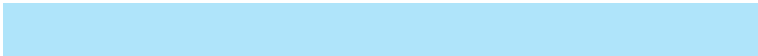
0.7370, 0.5358, 0.0646

Inverse Universe

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



36.9360, 41.5747, 55.9472



62.6542, 71.5038, 100.8597



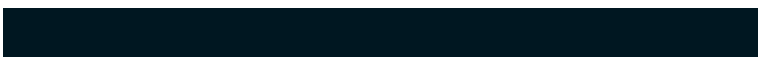
32.6382, 32.9790, 54.5146



10.1123, 10.9160, 12.8588



12.3948, 14.5461, 35.7110



0.5926, 0.7426, 1.5620

Previews

White Background



This preview shows how the XYZ color 38.9991, 37.6738, 31.6019 looks on a white background.

Color Contrast Check

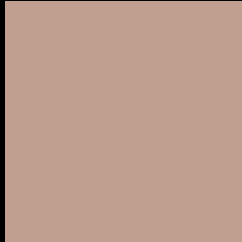
Large Text (above 18pt) WCAG AA × Fail

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 38.9991, 37.6738, 31.6019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

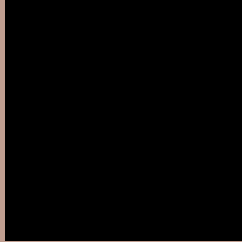
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9991, 37.6738, 31.6019

Background



This preview shows how black text looks on a background with the XYZ color 38.9991, 37.6738, 31.6019.



This preview shows how white text looks on a background with the XYZ color 38.9991, 37.6738,

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

38.9991, 37.6738, 31.6019

Protanopia

35.7349, 37.7875, 33.0141

Deuteranopia

38.4184, 37.6287, 31.6238



Tritanopia

41.2021, 37.8348, 41.6905

Trichromacy



Original Color

38.9991, 37.6738, 31.6019

Protanomaly

36.6990, 37.4997, 32.4980

Deuteranomaly

38.6674, 37.7570, 31.6354

Tritanomaly

40.3946, 37.7495, 37.9582

Monochromacy



Original Color

38.9991, 37.6738, 31.6019

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.4380, 38.2842, 38.2173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9991, 37.6738, 31.6019 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(192, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 144)  
}
```

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(192, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 144) }
```

Border

The CSS property to change the border of an element to XYZ 38.9991, 37.6738, 31.6019 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(192, 158, 144) }
```


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

```
.border{ border-color:rgb(192, 158, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9991, 37.6738, 31.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 144) }
```

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

```
.background{ background-color: rgb(192,  
158, 144) }
```

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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