

Converting Colors

XYZ(36.8498, 37.7209, 37.7362)

Have a look what the booklet for
XYZ(36.8498, 37.7209, 37.7362)
contains.

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Color

**XYZ(36.9479, 37.7770,
37.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA39E
RGB	175, 163, 158
RGB Percent	69%, 64%, 62%
CMY	0.3137, 0.3608, 0.3804
CMYK	0.00, 0.07, 0.10, 0.31
HSL	18°, 10%, 65%
HSV	18°, 10%, 69%
XYZ	36.9479, 37.7770, 37.6921
YIQ	166.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

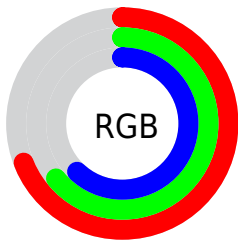
Format	Color
RYB	175, 165, 158
Decimal	11510686
CIELab	67.86, 3.46, 4.15
CIELCh	68, 5.405, 50.149
Yxy	37.7770, 0.3287, 0.3360
Android (android.graphics.Color)	4289700766 (0xFFAFA39E)
YUV	166.0180, -3.9529, 7.8772
Hunter-Lab	61.4630, -0.2567, 6.6646

Details

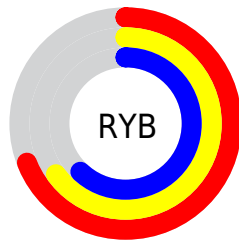
The XYZ color **36.9479, 37.7770, 37.6921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2129, 39.1128, 46.1986**, and the grayscale version is **36.2706, 38.1595, 41.5557**.

A 20% lighter version of the original color is **70.0366, 71.9358, 73.1445**, and **16.3643, 16.5680, 16.2454** is the 20% darker color. If you saturate the color by 10%, you get **33.4612, 33.0447, 29.6198**, and if you desaturate by 10%, it is **40.8654, 43.0268, 46.9672**.

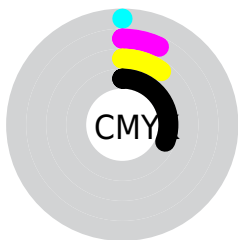
Distribution



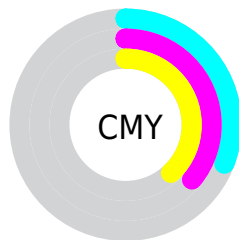
- Red (69%)
- Green (64%)
- Blue (62%)



- Red (69%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (31%)





- Cyan (31%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9479, 37.7770, 37.6921 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 36.9479, 37.7770, 37.6921 by changing the saturation by 10% instead.


 36.9479, 37.7770,
37.6921


 36.9479, 37.7770,
37.6921


324.4444,
336.6624, 351.5558

 25.3406, 25.8097,
25.4438


 69.8070, 71.7662,
72.8341

 16.4611, 16.6813,
16.1860


 91.7896, 94.5569,
96.5650

 9.9439, 10.0075,
9.5001


117.9613,
121.7241, 124.9605

 5.4238, 5.4039,
4.9675

148.6875,
153.6523, 158.4391

 2.5353, 2.4862,
2.1698

184.3335,
190.7258, 197.4194

 0.9131, 0.8697,
0.6569

225.2648,

 0.0000, 0.0000,

233.3290, 242.3199

0.0000

271.8466,
281.8465, 293.5592

■ 36.9479, 37.7770,
37.6921

■ 36.9479, 37.7770,
37.6921

■ 33.4612, 33.0447,
29.6198

■ 40.8654, 43.0268,
46.9672

■ 30.3869, 28.8089,
22.6984

■ 45.2250, 48.8041,
57.4894

■ 27.7102, 25.0548,
16.8756

■ 50.0412, 55.1251,
69.3035

■ 25.4139, 21.7648,
12.0943

■ 55.3272, 62.0037,
82.4517

■ 23.4794, 18.9200,
8.2921

■ 61.0954, 69.4533,
96.9739

■ 21.8867, 16.5006,
5.3997

■ 66.0426, 76.9607,
105.9818

■ 20.6133, 14.4846,
3.3388

■ 69.7443, 84.3639,
107.2157

■ 19.6337, 12.8482,
2.0174

■ 71.4893, 87.8540,
107.7974

■ 18.9038, 11.5586,
1.2491

Harmonies

Analogous

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



37.4393, 37.7770, 39.5642



36.9479, 37.7770, 37.6921



36.1822, 37.7770, 36.7533

Triad

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



36.9479, 37.7770, 37.6921



34.3423, 37.7770, 40.3486



36.4636, 37.7770, 45.6169

Complementary

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



36.9479, 37.7770, 37.6921



36.2129, 39.1128, 46.1986

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.



35.6311, 37.7770, 45.8469



36.9479, 37.7770, 37.6921



34.4150, 37.7770, 42.7422

Square

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



36.9479, 37.7770, 37.6921



34.6835, 37.7770, 38.2472



34.8837, 37.7770, 44.7766



37.1567, 37.7770, 44.1599

Rectangle

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



36.9479, 37.7770, 37.6921



35.6228, 37.7770, 36.7572



34.8837, 37.7770, 44.7766



36.1905, 37.7770, 45.8424

Sweetspot

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



36.9489, 37.7787, 37.6929



70.7597, 73.8174, 78.3272



37.1795, 36.4774, 43.2028



15.6009, 16.2379, 17.1095



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.



36.9489, 37.7787, 37.6929



64.5454, 65.4606, 63.7030



38.4739, 40.8285, 38.2012



8.1902, 8.3852, 8.4002



13.5718, 8.3492, 0.8962



0.4255, 0.3282, 0.0409

Inverse Universe

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



36.2129, 39.1128, 46.1986



62.9163, 68.4124, 82.5257



34.7035, 36.0940, 45.6954



8.0342, 8.6679, 10.2023



10.7128, 12.5595, 30.9041



0.3424, 0.4381, 0.8745

Previews

White Background



This preview shows how the XYZ color 36.9479, 37.7770, 37.6921 looks on a white background.

Color Contrast Check

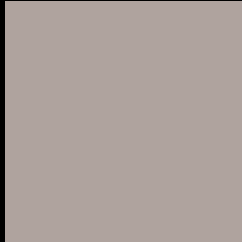
Large Text (above 18pt) WCAG AA × Fail

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 36.9479, 37.7770, 37.6921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

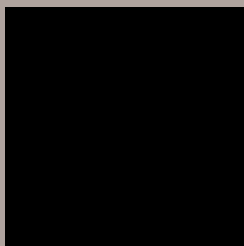
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

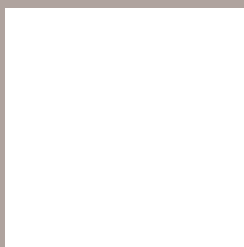
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9479, 37.7770, 37.6921

Background



This preview shows how black text looks on a background with the XYZ color 36.9479, 37.7770, 37.6921.



This preview shows how white text looks on a background with the XYZ color 36.9479, 37.7770,

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

36.9479, 37.7770, 37.6921

Protanopia

36.2907, 37.9595, 38.2151

Deuteranopia

38.5960, 37.8352, 38.0696



Tritanopia

38.4192, 37.8540, 44.8168

Trichromacy



Original Color

36.9479, 37.7770, 37.6921

Protanomaly

36.5467, 37.8248, 38.1756

Deuteranomaly

38.0589, 37.8167, 38.0943

Tritanomaly

37.8927, 37.8979, 42.3637

Monochromacy



Original Color

36.9479, 37.7770, 37.6921

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4282, 37.9896, 40.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9479, 37.7770, 37.6921 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(175, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(175, 163, 158)  
}
```

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(175, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 158) }
```

Border

The CSS property to change the border of an element to XYZ 36.9479, 37.7770, 37.6921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

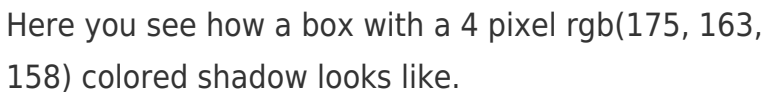
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 163, 158) }
```


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

```
.border{ border-color:rgb(175, 163, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9479, 37.7770, 37.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 158) }
```

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

```
.background{ background-color: rgb(175,  
163, 158) }
```

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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