

Converting Colors

XYZ(36.0498, 37.9696, 37.5627)

Have a look what the booklet for
XYZ(36.0498, 37.9696, 37.5627)
contains.

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Color

**XYZ(35.9889, 37.8139,
37.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A59E
RGB	169, 165, 158
RGB Percent	66%, 65%, 62%
CMY	0.3373, 0.3529, 0.3804
CMYK	0.00, 0.02, 0.07, 0.34
HSL	38°, 6%, 64%
HSV	38°, 7%, 66%
XYZ	35.9889, 37.8139, 37.7497
YIQ	165.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

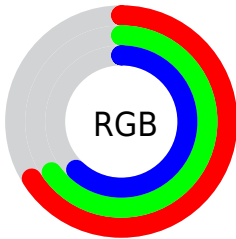
Format	Color
RYB	164, 169, 158
Decimal	11117982
CIELab	67.88, 0.16, 4.12
CIELCh	68, 4.128, 87.770
Yxy	37.8139, 0.3226, 0.3390
Android (android.graphics.Color)	4289308062 (0xFFA9A59E)
YUV	165.3980, -3.6472, 3.1590
Hunter-Lab	61.4930, -3.1453, 6.6478

Details

The XYZ color **35.9889, 37.8139, 37.7497** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1823, 35.9738, 42.6787**, and the grayscale version is **35.9716, 37.8449, 41.2131**.

A 20% lighter version of the original color is **68.3439, 71.8378, 73.2148**, and **15.8951, 16.6537, 16.2866** is the 20% darker color. If you saturate the color by 10%, you get **33.5523, 35.1105, 30.2473**, and if you desaturate by 10%, it is **38.6809, 40.7070, 46.3251**.

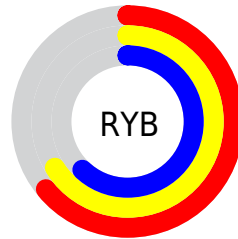
Distribution



Red (66%)

Green (65%)

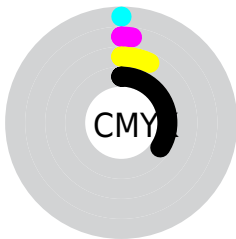
Blue (62%)



Red (64%)

Yellow (66%)

Blue (62%)

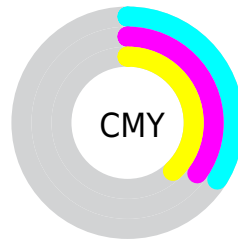


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9889, 37.8139, 37.7497 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 35.9889, 37.8139, 37.7497 by changing the saturation by 10% instead.

■ 35.9889, 37.8139,
37.7497

■ 35.9889, 37.8139,
37.7497

320.3441,
336.8210, 351.8110

■ 24.5957, 25.8383,
25.4882

■ 68.3389, 71.8228,
72.9235

■ 15.9032, 16.7027,
16.2188

■ 90.0264, 94.6249,
96.6728

■ 9.5461, 10.0228,
9.5231

115.8761,
121.8046, 125.0885

■ 5.1590, 5.4140,
4.9825

146.2533,
153.7463, 158.5891

■ 2.3766, 2.4922,
2.1784

181.5233,
190.8344, 197.5931

■ 0.8334, 0.8727,
0.6619

222.0515,

■ 0.0000, 0.0000,

233.4532, 242.5190

0.0000

268.2034,
281.9873, 293.7855

■ 35.9889, 37.8139,
37.7497

■ 35.9889, 37.8139,
37.7497

■ 33.5523, 35.1105,
30.2473

■ 38.6809, 40.7070,
46.3251

■ 31.3591, 32.5871,
23.7726

■ 41.6335, 43.7895,
56.0117

■ 29.4009, 30.2405,
18.2804

■ 44.8558, 47.0671,
66.8487

■ 27.6676, 28.0653,
13.7214

■ 48.3552, 50.5442,
78.8726

■ 26.1483, 26.0560,
10.0418

■ 52.1392, 54.2247,
92.1184

■ 24.8309, 24.2063,
7.1824

■ 55.4977, 57.8256,
102.8442

■ 23.7021, 22.5097,
5.0764

■ 56.9660, 60.7622,
103.3336

■ 22.7463, 20.9586,
3.6467

■ 58.4923, 63.8148,
103.8424

■ 21.9422, 19.5430,
2.7851

■ 60.0772, 66.9846,
104.3707

Harmonies

Analogous

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



36.6015, 37.8139, 38.2622



35.9889, 37.8139, 37.7497



35.3705, 37.8139, 38.1317

Triad

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



35.9889, 37.8139, 37.7497



34.8628, 37.8139, 42.8374



36.9924, 37.8139, 43.0818

Complementary

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



35.9889, 37.8139, 37.7497



34.1823, 35.9738, 42.6787

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.



36.5176, 37.8139, 44.3717



35.9889, 37.8139, 37.7497



35.2885, 37.8139, 44.2277

Square

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



35.9889, 37.8139, 37.7497



34.7249, 37.8139, 41.0359



35.8931, 37.8139, 44.7971



37.1851, 37.8139, 41.3102

Rectangle

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



35.9889, 37.8139, 37.7497



35.0372, 37.8139, 38.8486



35.8931, 37.8139, 44.7971



36.8602, 37.8139, 43.5881

Sweetspot

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



35.9899, 37.8155, 37.7505



66.5538, 69.9991, 74.2355



35.1141, 35.4991, 39.1998



14.5179, 15.2697, 16.2185



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.9899, 37.8155, 37.7505



63.7110, 66.9102, 65.2828



36.4093, 39.1188, 37.9800



7.9142, 8.3085, 7.9758



16.2115, 14.3202, 1.9096



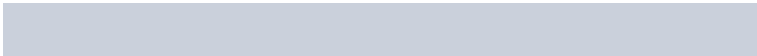
0.4405, 0.4405, 0.0618

Inverse Universe

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



34.1823, 35.9738, 42.6787



59.7047, 62.8284, 76.2054



33.7796, 34.7376, 42.4613



7.3466, 7.7302, 9.5232



6.6446, 4.7493, 28.5420



0.2103, 0.2129, 0.7106

Previews

White Background



This preview shows how the XYZ color 35.9889, 37.8139, 37.7497 looks on a white background.

Color Contrast Check

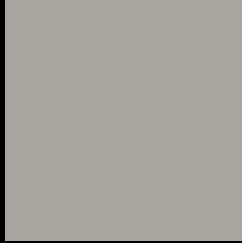
Large Text (above 18pt) WCAG AA × Fail

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 35.9889, 37.8139, 37.7497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

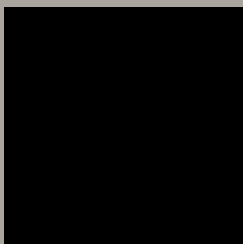
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

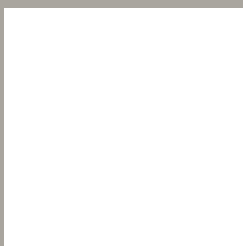
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9889, 37.8139, 37.7497

Background



This preview shows how black text looks on a background with the XYZ color 35.9889, 37.8139, 37.7497.



This preview shows how white text looks on a background with the XYZ color 35.9889, 37.8139,

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

35.9889, 37.8139, 37.7497

Protanopia

36.2043, 37.9249, 37.7598

Deuteranopia

38.5960, 37.8352, 38.0696



Tritanopia

37.6715, 37.7065, 45.8500

Trichromacy



Original Color

35.9889, 37.8139, 37.7497

Protanomaly

36.2043, 37.9249, 37.7598

Deuteranomaly

37.7687, 37.9276, 38.1310

Tritanomaly

37.0532, 37.7169, 42.8633

Monochromacy



Original Color

35.9889, 37.8139, 37.7497

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7026, 37.6259, 39.5632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9889, 37.8139, 37.7497 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(169, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 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(169, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.9889, 37.8139, 37.7497 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(169, 165, 158) }
```


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

```
.border{ border-color:rgb(169, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9889, 37.8139, 37.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 165, 158) }
```

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

```
.background{ background-color: rgb(169,  
165, 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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