

Converting Colors

XYZ(39.7867, 44.3489, 42.3217)

Have a look what the booklet for
XYZ(39.7867, 44.3489, 42.3217)
contains.

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Color

**XYZ(39.7690, 44.2359,
42.5187)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B5A6
RGB	169, 181, 166
RGB Percent	66%, 71%, 65%
CMY	0.3373, 0.2902, 0.3490
CMYK	0.07, 0.00, 0.08, 0.29
HSL	108°, 9%, 68%
HSV	108°, 8%, 71%
XYZ	39.7690, 44.2359, 42.5187
YIQ	175.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

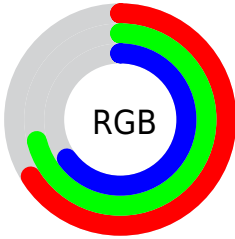
Format	Color
RYB	166, 181, 178
Decimal	11122086
CIELab	72.39, -7.00, 6.20
CIELCh	72, 9.355, 138.456
Yxy	44.2359, 0.3143, 0.3496
Android (android.graphics.Color)	4289312166 (0xFFA9B5A6)
YUV	175.7020, -4.7831, -5.8777
Hunter-Lab	66.5101, -9.6604, 8.6540

Details

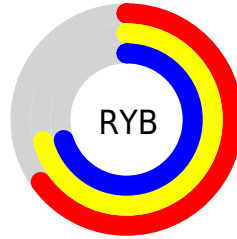
The XYZ color **39.7690, 44.2359, 42.5187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3384, 40.0748, 49.3274**, and the grayscale version is **41.1377, 43.2800, 47.1319**.

A 20% lighter version of the original color is **74.0758, 81.6361, 80.2597**, and **18.0926, 20.4352, 18.9104** is the 20% darker color. If you saturate the color by 10%, you get **35.2878, 42.1056, 34.2432**, and if you desaturate by 10%, it is **44.8305, 46.6409, 52.0431**.

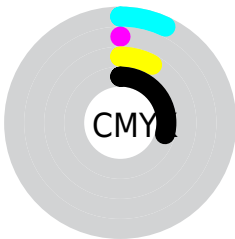
Distribution



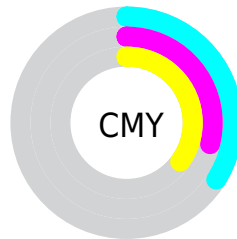
- Red (66%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7690, 44.2359, 42.5187 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 39.7690, 44.2359, 42.5187 by changing the saturation by 10% instead.

■ 39.7690, 44.2359,
42.5187

■ 39.7690, 44.2359,
42.5187

336.3001,
363.6701, 372.4916

■ 27.5419, 30.8560,
29.1791

■ 74.0982, 81.5726,
80.2626

■ 18.1193, 20.4892,
18.9696

■ 96.9310, 106.2982,
105.5039

■ 11.1359, 12.7512,
11.4717

124.0298,
135.5745, 135.5496

■ 6.2263, 7.2574,
6.2669

155.7598,
169.7858, 170.8181

■ 3.0251, 3.6236,
2.9366

192.4865,
209.3167, 211.7280

■ 1.1671, 1.4653,
1.0624

234.5752,

■ 0.0801, 0.2641,

254.5514, 258.6979

0.0000

282.3913,
305.8744, 312.1462

■ 0.0000, 0.0000,
0.0000

■ 39.7690, 44.2359,
42.5187

■ 39.7690, 44.2359,
42.5187

■ 35.2878, 42.1056,
34.2432

■ 44.8305, 46.6409,
52.0431

■ 31.3624, 40.2346,
27.1620

■ 50.4884, 49.3241,
62.8622

■ 27.9718, 38.6147,
21.2209

■ 56.7628, 52.2960,
75.0228

■ 25.0924, 37.2349,
16.3603

■ 63.6717, 55.5650,
88.5689

■ 22.6987, 36.0835,
12.5150

■ 70.9894, 59.0419,
102.2624

■ 20.7629, 35.1478,
9.6132

■ 75.8147, 61.5294,
102.4882

■ 19.2543, 34.4137,
7.5732

■ 18.1381, 33.8653,
6.2998

■ 17.3660, 33.4812,
5.6362

Harmonies

Analogous

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



41.0719, 44.2359, 40.2314



39.7690, 44.2359, 42.5187



39.0826, 44.2359, 46.4120

Triad

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



39.7690, 44.2359, 42.5187



41.4281, 44.2359, 57.3899



45.0519, 44.2359, 45.4113

Complementary

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



39.7690, 44.2359, 42.5187



40.3384, 40.0748, 49.3274

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.



45.1532, 44.2359, 49.9624



39.7690, 44.2359, 42.5187



43.0331, 44.2359, 57.0793

Square

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



39.7690, 44.2359, 42.5187



40.0240, 44.2359, 55.1144



44.4060, 44.2359, 54.2911



44.1327, 44.2359, 41.8265

Rectangle

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



39.7690, 44.2359, 42.5187



39.0550, 44.2359, 49.4817



44.4060, 44.2359, 54.2911



45.1836, 44.2359, 46.8726

Sweetspot

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



39.7702, 44.2378, 42.5197



76.7693, 81.8592, 86.5494



41.8612, 44.4197, 42.4446



16.6142, 17.7029, 18.7471



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.



39.7702, 44.2378, 42.5197



69.6384, 78.4712, 73.1962



39.5542, 44.0779, 44.7029



8.5424, 9.5692, 9.0493



11.9441, 23.0675, 3.8230



0.4222, 0.7497, 0.1225

Inverse Universe

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



40.3384, 40.0748, 49.3274



70.8706, 69.4411, 87.9628



40.5799, 40.2517, 46.9664



8.6803, 8.5592, 10.7009



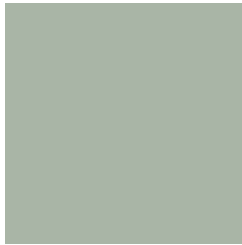
13.8335, 6.4672, 30.6562



0.4776, 0.2253, 0.9666

Previews

White Background



This preview shows how the XYZ color 39.7690, 44.2359, 42.5187 looks on a white background.

Color Contrast Check

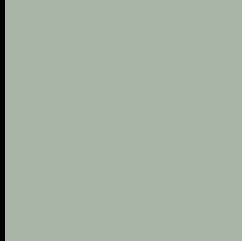
Large Text (above 18pt) WCAG AA × Fail

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 39.7690, 44.2359, 42.5187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

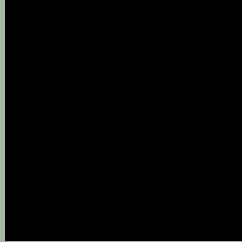
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

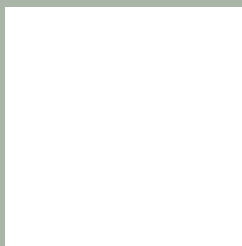
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7690, 44.2359, 42.5187

Background



This preview shows how black text looks on a background with the XYZ color 39.7690, 44.2359, 42.5187.



This preview shows how white text looks on a background with the XYZ color 39.7690, 44.2359,

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

39.7690, 44.2359, 42.5187

Protanopia

42.1901, 44.3150, 41.4519

Deuteranopia

44.9195, 43.9587, 43.1632



Tritanopia

42.3597, 44.0901, 55.5679

Trichromacy



Original Color

39.7690, 44.2359, 42.5187

Protanomaly

41.3023, 44.1411, 41.9405

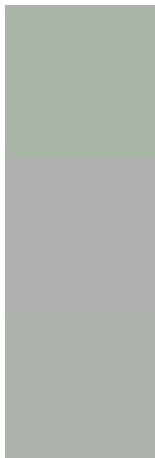
Deuteranomaly

42.7985, 44.0148, 42.7992

Tritanomaly

41.3771, 43.9888, 50.5659

Monochromacy



Original Color

39.7690, 44.2359, 42.5187

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6004, 43.7036, 45.3255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7690, 44.2359, 42.5187 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, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 166)  
}
```

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, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.7690, 44.2359, 42.5187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

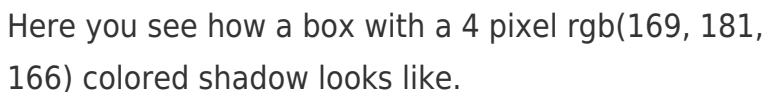
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 181, 166) }
```


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

```
.border{ border-color:rgb(169, 181, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 181, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 181, 166); box-shadow:4px 4px 4px 4px rgb(169, 181, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7690, 44.2359, 42.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 166) }
```

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

```
.background{ background-color: rgb(169,  
181, 166) }
```

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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