

Converting Colors

XYZ(38.8282, 41.4206, 44.9856)

Have a look what the booklet for
XYZ(38.8282, 41.4206, 44.9856)
contains.

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Color

**XYZ(38.7522, 41.3007,
44.9591)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ADAC
RGB	169, 173, 172
RGB Percent	66%, 68%, 67%
CMY	0.3372, 0.3216, 0.3255
CMYK	0.02, 0.00, 0.01, 0.32
HSL	165°, 2%, 67%
HSV	165°, 2%, 68%
XYZ	38.7522, 41.3007, 44.9591
YIQ	171.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

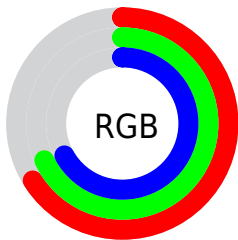
Format	Color
RYB	169, 171, 173
Decimal	11120044
CIELab	70.39, -1.60, 0.01
CIELCh	70, 1.597, 179.590
Yxy	41.3007, 0.3100, 0.3304
Android (android.graphics.Color)	4289310124 (0xFFA9ADAC)
YUV	171.6900, 0.1528, -2.3591
Hunter-Lab	64.2656, -4.8293, 3.5077

Details

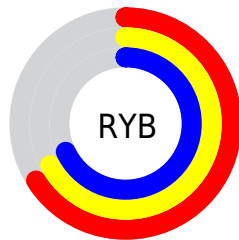
The XYZ color **38.7522, 41.3007, 44.9591** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6788, 40.1637, 43.7461**, and the grayscale version is **39.0570, 41.0910, 44.7481**.

A 20% lighter version of the original color is **72.3490, 76.8801, 83.6992**, and **17.5637, 18.8127, 20.4748** is the 20% darker color. If you saturate the color by 10%, you get **34.8742, 39.3500, 42.6405**, and if you desaturate by 10%, it is **43.1372, 43.5135, 47.3740**.

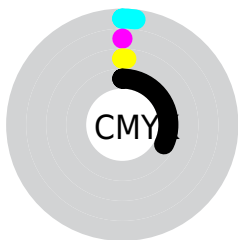
Distribution



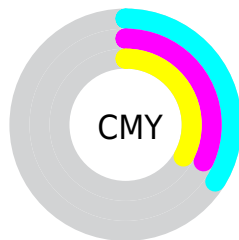
- Red (66%)
- Green (68%)
- Blue (67%)



- Red (66%)
- Yellow (67%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (34%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7522, 41.3007, 44.9591 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 38.7522, 41.3007, 44.9591 by changing the saturation by 10% instead.

■ 38.7522, 41.3007,
44.9591

■ 38.7522, 41.3007,
44.9591

332.0611,
351.5758, 382.7632

■ 26.7469, 28.5541,
31.0825

■ 72.5561, 77.1402,
83.9768

■ 17.5188, 18.7438,
20.4027

■ 95.0854, 101.0018,
109.9550

■ 10.7027, 11.4853,
12.5011

121.8534,
129.3373, 140.8042

■ 5.9331, 6.3942,
6.9593

153.2254,
162.5310, 176.9429

■ 2.8447, 3.0863,
3.3586

189.5668,
200.9673, 218.7895

■ 1.0722, 1.1769,
1.2805

231.2430,

■ 0.0016, 0.0427,

245.0306, 266.7628

0.0457

278.6193,
295.1053, 321.2812

■ 0.0000, 0.0000,
0.0000

■ 38.7522, 41.3007,
44.9591

■ 38.7522, 41.3007,
44.9591

■ 34.8742, 39.3500,
42.6405

■ 43.1372, 43.5135,
47.3740

■ 31.4806, 37.6463,
40.4140

■ 48.0440, 45.9926,
49.8840

■ 28.5518, 36.1807,
38.2788

■ 53.4909, 48.7485,
52.4915

■ 26.0660, 34.9419,
36.2332

■ 59.4946, 51.7899,
55.1978

■ 23.9992, 33.9176,
34.2753

■ 65.8853, 55.0290,
57.9958

■ 22.3254, 33.0945,
32.4033

■ 66.3782, 55.2262,
60.5918

■ 21.0155, 32.4574,
30.6151

■ 66.8855, 55.4291,
63.2632

■ 20.0362, 31.9893,
28.9084

■ 67.4073, 55.6378,
66.0105

■ 19.3478, 31.6698,
27.2805

■ 67.9435, 55.8523,
68.8345

Harmonies

Analogous

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



38.8211, 41.3007, 44.2413



38.7522, 41.3007, 44.9591



38.8175, 41.3007, 45.6875

Triad

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



38.7522, 41.3007, 44.9591



39.5050, 41.3007, 46.2390



39.5113, 41.3007, 43.7335

Complementary

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



38.7522, 41.3007, 44.9591



38.6788, 40.1637, 43.7461

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.



39.6959, 41.3007, 44.2590



38.7522, 41.3007, 44.9591



39.6923, 41.3007, 45.7056

Square

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



38.7522, 41.3007, 44.9591



39.2515, 41.3007, 46.4314



39.7623, 41.3007, 44.9798



39.2587, 41.3007, 43.5385

Rectangle

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



38.7522, 41.3007, 44.9591



38.9286, 41.3007, 46.0798



39.7623, 41.3007, 44.9798



39.5834, 41.3007, 43.8771

Sweetspot

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



38.7534, 41.3025, 44.9600



70.3678, 74.4538, 81.0680



38.6984, 41.3070, 43.4703



15.3017, 16.1851, 17.6231



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



38.7534, 41.3025, 44.9600



68.8582, 73.6931, 80.2046



38.6716, 40.9842, 45.4097



8.6447, 9.2866, 10.1054



13.9453, 23.1434, 19.2833



0.4082, 0.6519, 0.6429

Inverse Universe

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



38.6788, 40.1637, 43.7461



68.6829, 71.0152, 77.3502



38.7587, 40.4746, 43.3065



8.6178, 8.8756, 9.6672



13.0056, 6.6648, 2.4088



0.3837, 0.1942, 0.1824

Previews

White Background



This preview shows how the XYZ color 38.7522, 41.3007, 44.9591 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 38.7522, 41.3007, 44.9591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

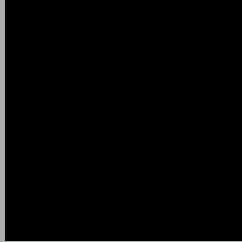
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

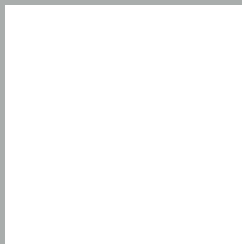
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7522, 41.3007, 44.9591

Background



This preview shows how black text looks on a background with the XYZ color 38.7522, 41.3007, 44.9591.

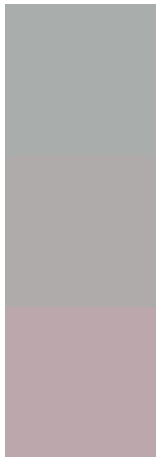


This preview shows how white text looks on a background with the XYZ color 38.7522, 41.3007,

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

38.7522, 41.3007, 44.9591

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

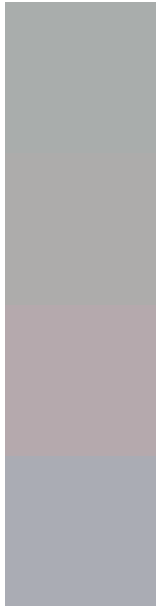
42.1006, 41.3459, 45.2968



Tritanopia

40.1145, 41.2865, 51.7538

Trichromacy



Original Color

38.7522, 41.3007, 44.9591

Protanomaly

39.3368, 41.3296, 44.4322

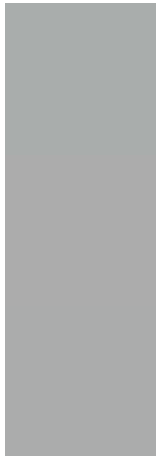
Deuteranomaly

40.7868, 41.2168, 45.3411

Tritanomaly

39.5683, 41.3464, 49.0752

Monochromacy



Original Color

38.7522, 41.3007, 44.9591

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9935, 41.1415, 44.9157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7522, 41.3007, 44.9591 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, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 172)  
}
```

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, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 38.7522, 41.3007, 44.9591 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, 173, 172) }
```


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

```
.border{ border-color:rgb(169, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7522, 41.3007, 44.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 172) }
```

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

```
.background{ background-color: rgb(169,  
173, 172) }
```

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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