

Converting Colors

XYZ(38.9026, 40.1313, 42.7239)

Have a look what the booklet for
XYZ(38.9026, 40.1313, 42.7239)
contains.

XYZ(38.7497, 39.9464, 42.7139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.7497, 39.9464,
42.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA8A8
RGB	175, 168, 168
RGB Percent	69%, 66%, 66%
CMY	0.3137, 0.3412, 0.3412
CMYK	0.00, 0.04, 0.04, 0.31
HSL	0°, 4%, 67%
HSV	0°, 4%, 69%
XYZ	38.7497, 39.9464, 42.7139
YIQ	170.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

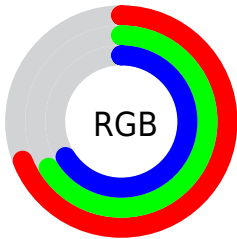
Format	Color
RYB	175, 168, 168
Decimal	11511976
CIELab	69.43, 2.51, 0.89
CIElCh	69, 2.663, 19.457
Yxy	39.9464, 0.3192, 0.3290
Android (android.graphics.Color)	4289702056 (0xFFAFA8A8)
YUV	170.0930, -1.0318, 4.3034
Hunter-Lab	63.2032, -1.1676, 4.1729

Details

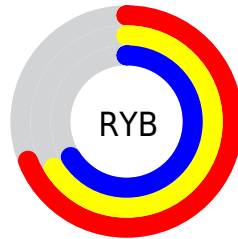
The XYZ color **38.7497, 39.9464, 42.7139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2162, 42.0792, 46.6131**, and the grayscale version is **38.2593, 40.2518, 43.8342**.

A 20% lighter version of the original color is **72.6620, 75.0920, 80.4765**, and **17.5662, 17.9627, 19.0643** is the 20% darker color. If you saturate the color by 10%, you get **34.2131, 33.3087, 33.6922**, and if you desaturate by 10%, it is **43.9424, 47.5441, 53.0378**.

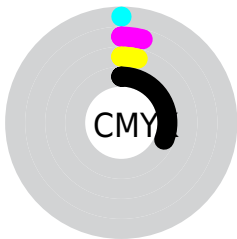
Distribution



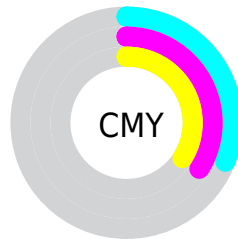
- Red (69%)
- Green (66%)
- Blue (66%)



- Red (69%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7497, 39.9464, 42.7139 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 38.7497, 39.9464, 42.7139 by changing the saturation by 10% instead.

■ 38.7497, 39.9464,
42.7139

■ 38.7497, 39.9464,
42.7139

332.0507,
345.8976, 373.3204

■ 26.7449, 27.4968,
29.3310

■ 72.5523, 75.0819,
80.5607

■ 17.5173, 17.9467,
19.0836

■ 95.0808, 98.5365,
105.8616

■ 10.7016, 10.9117,
11.5533

121.8480,
126.4283, 135.9722

■ 5.9324, 6.0075,
6.3215

153.2192,
159.1415, 171.3111

■ 2.8443, 2.8496,
2.9696

189.5596,
197.0607, 212.2969

■ 1.0719, 1.0537,
1.0791

231.2348,

■ 0.0014, 0.0000,

240.5702, 259.3480

0.0000

278.6100,
290.0543, 312.8830

■ 0.0000, 0.0000,
0.0000

■ 38.7497, 39.9464,
42.7139

■ 38.7497, 39.9464,
42.7139

■ 34.2131, 33.3087,
33.6922

■ 43.9424, 47.5441,
53.0378

■ 30.3033, 27.5880,
25.9185

■ 49.8124, 56.1326,
64.7101

■ 26.9939, 22.7456,
19.3388

■ 56.3839, 65.7473,
77.7777

■ 24.2550, 18.7379,
13.8939

■ 63.6790, 76.4208,
92.2846

■ 22.0545, 15.5178,
9.5196

■ 71.4894, 87.8541,
107.7974

■ 20.3569, 13.0336,
6.1455

■ 19.1226, 11.2271,
3.6926

■ 18.3058, 10.0316,
2.0701

■ 17.8518, 9.3668,
1.1687

Harmonies

Analogous

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



38.7833, 39.9464, 43.9278



38.7497, 39.9464, 42.7139



38.5057, 39.9464, 41.7270

Triad

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



38.7497, 39.9464, 42.7139



37.3454, 39.9464, 41.9796



37.8174, 39.9464, 45.8551

Complementary

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



38.7497, 39.9464, 42.7139



39.2162, 42.0792, 46.6131

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.



37.4350, 39.9464, 45.3119



38.7497, 39.9464, 42.7139



37.1639, 39.9464, 43.0647

Square

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



38.7497, 39.9464, 42.7139



37.6942, 39.9464, 41.3086



37.1966, 39.9464, 44.2852



38.2428, 39.9464, 45.7569

Rectangle

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



38.7497, 39.9464, 42.7139



38.2576, 39.9464, 41.3234



37.1966, 39.9464, 44.2852



37.6796, 39.9464, 45.7411

Sweetspot

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



38.7508, 39.9481, 42.7148



72.0490, 75.4200, 81.7660



39.4202, 40.2150, 46.2425



16.0247, 16.7790, 18.1953



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.



38.7508, 39.9481, 42.7148



68.4616, 70.1710, 74.6327



39.4051, 41.2567, 42.9329



8.3862, 8.5729, 9.0956



12.6614, 6.5283, 0.5928



0.3523, 0.1818, 0.0165

Inverse Universe

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



39.2162, 42.0792, 46.6131



69.5138, 74.9898, 83.4476



38.5444, 40.7356, 46.3891



8.5280, 9.2222, 10.2833



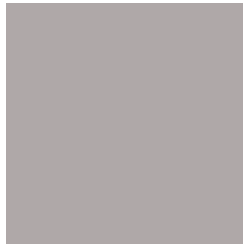
16.5089, 24.1516, 32.8361



0.4594, 0.6721, 0.9135

Previews

White Background



This preview shows how the XYZ color 38.7497, 39.9464, 42.7139 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 38.7497, 39.9464, 42.7139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

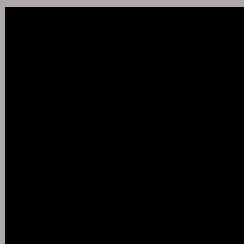
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

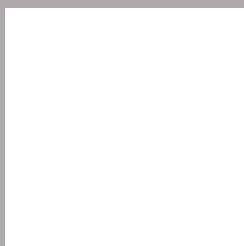
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7497, 39.9464, 42.7139

Background



This preview shows how black text looks on a background with the XYZ color 38.7497, 39.9464, 42.7139.



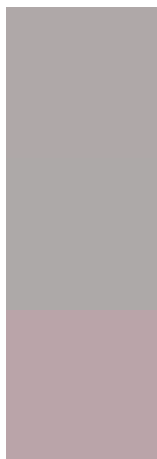
This preview shows how white text looks on a background with the XYZ color 38.7497, 39.9464,

42.7139.

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

38.7497, 39.9464, 42.7139

Protanopia

38.4894, 40.0873, 42.7548

Deuteranopia

40.6866, 39.8546, 43.0844



Tritanopia

39.9044, 39.8742, 48.2411

Trichromacy



Original Color

38.7497, 39.9464, 42.7139

Protanomaly

38.7114, 40.2018, 42.7652

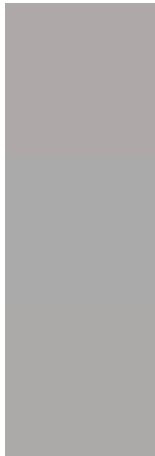
Deuteranomaly

39.9080, 39.7199, 43.0995

Tritanomaly

39.4611, 39.9627, 46.1912

Monochromacy



Original Color

38.7497, 39.9464, 42.7139

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3627, 40.0112, 43.2371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7497, 39.9464, 42.7139 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, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 168)  
}
```

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, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.7497, 39.9464, 42.7139 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, 168, 168) }
```


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

```
.border{ border-color:rgb(175, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7497, 39.9464, 42.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 168) }
```

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

```
.background{ background-color: rgb(175,  
168, 168) }
```

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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