

Converting Colors

XYZ(38.9872, 43.2935, 22.3224)

Have a look what the booklet for
XYZ(38.9872, 43.2935, 22.3224)
contains.

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Color

**XYZ(38.9652, 43.3700,
22.2371)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B272
RGB	185, 178, 114
RGB Percent	73%, 70%, 45%
CMY	0.2745, 0.3019, 0.5529
CMYK	0.00, 0.04, 0.38, 0.27
HSL	54°, 34%, 59%
HSV	54°, 38%, 73%
XYZ	38.9652, 43.3700, 22.2371
YIQ	172.7970, 24.7160, -18.4200

Conversions

Conversions Part 2

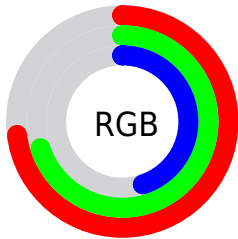
Format	Color
RYB	122, 185, 114
Decimal	12169842
CIELab	71.81, -7.04, 33.61
CIELCh	72, 34.338, 101.825
Yxy	43.3700, 0.3726, 0.4147
Android (android.graphics.Color)	4290359922 (0xFFB9B272)
YUV	172.7970, -28.9869, 10.7020
Hunter-Lab	65.8559, -9.6341, 26.0791

Details

The XYZ color **38.9652, 43.3700, 22.2371** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.5335, 20.7542, 48.7171**, and the grayscale version is **39.7521, 41.8223, 45.5445**.

A 20% lighter version of the original color is **73.0158, 80.5129, 48.2514**, and **17.7751, 20.1287, 7.9494** is the 20% darker color. If you saturate the color by 10%, you get **37.6571, 42.2719, 17.1210**, and if you desaturate by 10%, it is **40.4933, 44.5669, 28.4783**.

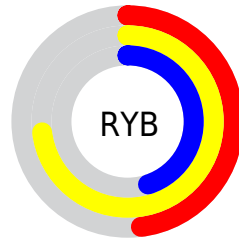
Distribution



Red (73%)

Green (70%)

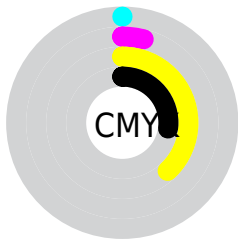
Blue (45%)



Red (48%)

Yellow (73%)

Blue (45%)

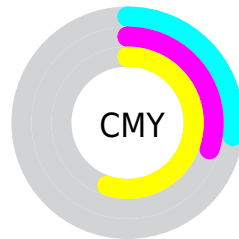


Cyan (0%)

Magenta (4%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9652, 43.3700, 22.2371 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 38.9652, 43.3700, 22.2371 by changing the saturation by 10% instead.

■ 38.9652, 43.3700,
22.2371

■ 38.9652, 43.3700,
22.2371

332.9522,
360.1312, 276.7758

■ 26.9133, 30.1755,
13.8312

■ 72.8796, 80.2689,
48.0448

■ 17.6443, 19.9719,
7.8660

■ 95.4727, 104.7421,
66.2837

■ 10.7931, 12.3746,
3.9228

■ 122.3103,
133.7437, 88.6373

■ 5.9941, 6.9993,
1.5831

153.7576,
167.6581, 115.5242

■ 2.8821, 3.4617,
0.2787

190.1802,
206.8696, 147.3630

■ 1.0917, 1.3772,
0.0000

231.9432,

■ 0.0182, 0.1999,

251.7627, 184.5722

0.0000

279.4121,
302.7218, 227.5702

■ 0.0000, 0.0000,
0.0000

■ 38.9652, 43.3700,
22.2371

■ 38.9652, 43.3700,
22.2371

■ 37.6571, 42.2719,
17.1210

■ 40.4933, 44.5669,
28.4783

■ 36.5528, 41.2614,
13.0592

■ 42.2500, 45.8615,
35.9042

■ 35.6390, 40.3348,
9.9773

■ 44.2473, 47.2601,
44.5736

■ 34.8996, 39.4855,
7.7897

■ 46.4956, 48.7669,
54.5403

■ 34.3154, 38.7060,
6.3965

■ 49.0046, 50.3857,
65.8551

■ 33.8554, 37.9837,
5.6334

■ 51.7832, 52.1203,
78.5663

■ 33.7848, 37.8688,
5.5288

■ 54.8403, 53.9741,
92.7194

■ 57.0361, 55.4914,
102.3125

■ 57.4404, 56.3000,
102.4473

Harmonies

Analogous

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



44.8216, 43.3700, 22.7994



38.9652, 43.3700, 22.2371



34.1834, 43.3700, 27.0967

Triad

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



38.9652, 43.3700, 22.2371



33.4135, 43.3700, 72.0551



52.8273, 43.3700, 57.9715

Complementary

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



38.9652, 43.3700, 22.2371



22.5335, 20.7542, 48.7171

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.



49.1657, 43.3700, 75.4430



38.9652, 43.3700, 22.2371



37.8202, 43.3700, 84.8042

Square

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



38.9652, 43.3700, 22.2371



31.1864, 43.3700, 54.1180



43.5641, 43.3700, 86.1727



53.2078, 43.3700, 40.9392

Rectangle

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



38.9652, 43.3700, 22.2371



32.1014, 43.3700, 33.6172



43.5641, 43.3700, 86.1727



51.9244, 43.3700, 64.0777

Sweetspot

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



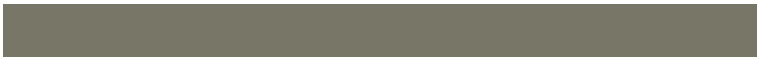
38.9663, 43.3720, 22.2380



77.8287, 83.6636, 73.6326



29.4825, 23.7323, 21.1487



16.6783, 17.9664, 15.4395



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.9663, 43.3720, 22.2380



67.7993, 76.0179, 32.0214



34.2131, 43.0407, 22.4246



9.6725, 10.3480, 9.5945



23.0344, 25.8451, 3.7746



0.8340, 0.9552, 0.1404

Inverse Universe

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



22.5335, 20.7542, 48.7171



34.2257, 29.8192, 86.1564



25.9987, 21.3241, 48.6445



8.5904, 8.8580, 11.3364



6.1382, 2.7360, 31.4577



0.2402, 0.1441, 1.1169

Previews

White Background



This preview shows how the XYZ color 38.9652, 43.3700, 22.2371 looks on a white background.

Color Contrast Check

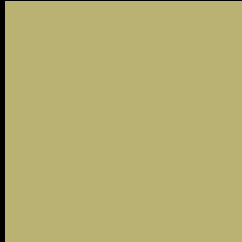
Large Text (above 18pt) WCAG AA × Fail

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 38.9652, 43.3700, 22.2371 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 38.9652, 43.3700, 22.2371

Background



This preview shows how black text looks on a background with the XYZ color 38.9652, 43.3700, 22.2371.



This preview shows how white text looks on a background with the XYZ color 38.9652, 43.3700,

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

38.9652, 43.3700, 22.2371

Protanopia

39.9918, 43.3193, 21.8764

Deuteranopia

44.0190, 43.1151, 22.5250



Tritanopia

44.9143, 43.5058, 50.8300

Trichromacy



Original Color

38.9652, 43.3700, 22.2371

Protanomaly

39.6890, 43.4554, 21.9187

Deuteranomaly

42.2042, 43.2994, 22.3529

Tritanomaly

42.3503, 43.3029, 38.4739

Monochromacy



Original Color

38.9652, 43.3700, 22.2371

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1289, 42.2741, 35.8032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9652, 43.3700, 22.2371 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(185, 178, 114)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 114)  
}
```

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(185, 178, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 114) }
```

Border

The CSS property to change the border of an element to XYZ 38.9652, 43.3700, 22.2371 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(185, 178, 114) }
```


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

```
.border{ border-color:rgb(185, 178, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 178, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 178, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 178, 114);  
box-shadow:4px 4px 4px 4px rgb(185, 178,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9652, 43.3700, 22.2371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 114) }
```

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

```
.background{ background-color: rgb(185,  
178, 114) }
```

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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