

Converting Colors

XYZ(37.7139, 43.2686, 38.2622)

Have a look what the booklet for
XYZ(37.7139, 43.2686, 38.2622)
contains.

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Color

**XYZ(37.7139, 43.2686,
38.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B59D
RGB	163, 181, 157
RGB Percent	64%, 71%, 62%
CMY	0.3608, 0.2902, 0.3843
CMYK	0.10, 0.00, 0.13, 0.29
HSL	105°, 14%, 66%
HSV	105°, 13%, 71%
XYZ	37.7139, 43.2686, 38.2622
YIQ	172.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

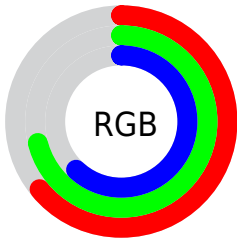
Format	Color
RYB	157, 181, 175
Decimal	10728861
CIELab	71.74, -10.76, 10.14
CIELCh	72, 14.783, 136.712
Yxy	43.2686, 0.3163, 0.3629
Android (android.graphics.Color)	4288918941 (0xFFA3B59D)
YUV	172.8820, -7.8298, -8.6665
Hunter-Lab	65.7789, -12.7712, 11.5575

Details

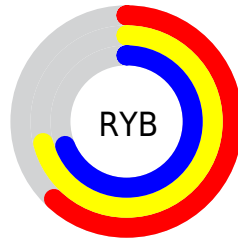
The XYZ color **37.7139, 43.2686, 38.2622** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0784, 36.5653, 48.7692**, and the grayscale version is **39.7011, 41.7686, 45.4860**.

A 20% lighter version of the original color is **71.0813, 80.2273, 74.0264**, and **16.8762, 19.8585, 16.5793** is the 20% darker color. If you saturate the color by 10%, you get **33.6497, 41.3402, 30.5941**, and if you desaturate by 10%, it is **42.3079, 45.4462, 47.1520**.

Distribution



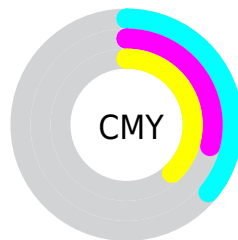
- Red (64%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7139, 43.2686, 38.2622 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 37.7139, 43.2686, 38.2622 by changing the saturation by 10% instead.

■ 37.7139, 43.2686,
38.2622

■ 37.7139, 43.2686,
38.2622

327.6932,
359.7152, 354.0753

■ 25.9369, 30.0959,
25.8828

■ 70.9761, 80.1160,
73.7177

■ 16.9089, 19.9114,
16.5110

■ 93.1921, 104.5596,
97.6310

■ 10.2645, 12.3307,
9.7282

119.6184,
133.5289, 126.2259

■ 5.6383, 6.9693,
5.1159

150.6205,
167.4083, 159.9211

■ 2.6649, 3.4429,
2.2555

186.5637,
206.5822, 199.1351

■ 0.9792, 1.3671,
0.7061

227.8133,

■ 0.0000, 0.1923,

251.4351, 244.2864

0.0000

274.7347,
302.3513, 295.7936

■ 0.0000, 0.0000,
0.0000

■ 37.7139, 43.2686,
38.2622

■ 37.7139, 43.2686,
38.2622

■ 33.6497, 41.3402,
30.5941

■ 42.3079, 45.4462,
47.1520

■ 30.0924, 39.6466,
24.0916

■ 47.4465, 47.8757,
57.3107

■ 27.0225, 38.1802,
18.6985

■ 53.1484, 50.5670,
68.7863

■ 24.4178, 36.9309,
14.3526

■ 59.4303, 53.5278,
81.6238

■ 22.2546, 35.8880,
10.9859

■ 66.3081, 56.7654,
95.8656

■ 20.5066, 35.0396,
8.5222

■ 72.0424, 59.5847,
102.3117

■ 19.1445, 34.3725,
6.8739

■ 75.8147, 61.5295,
102.4882

■ 18.1347, 33.8716,
5.9363

■ 17.6176, 33.6129,
5.5594

Harmonies

Analogous

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



39.7542, 43.2686, 35.0831



37.7139, 43.2686, 38.2622



36.6082, 43.2686, 44.0083

Triad

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



37.7139, 43.2686, 38.2622



40.0270, 43.2686, 61.8733



45.9196, 43.2686, 43.2509

Complementary

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



37.7139, 43.2686, 38.2622



38.0784, 36.5653, 48.7692

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.



45.9999, 43.2686, 50.3586



37.7139, 43.2686, 38.2622



42.5280, 43.2686, 61.6174

Square

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



37.7139, 43.2686, 38.2622



37.9066, 43.2686, 57.8982



44.7369, 43.2686, 57.2312



44.5217, 43.2686, 37.7564

Rectangle

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



37.7139, 43.2686, 38.2622



36.5194, 43.2686, 48.7450



44.7369, 43.2686, 57.2312



46.1035, 43.2686, 45.5162

Sweetspot

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



37.7151, 43.2705, 38.2631



75.0700, 81.0583, 83.0779



40.4736, 42.9200, 38.0501



16.0869, 17.4541, 17.6859



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.



37.7151, 43.2705, 38.2631



65.2569, 76.4077, 64.1705



37.0407, 42.8621, 40.9723



8.5814, 9.5893, 9.0512



12.1995, 23.1991, 3.8349



0.4382, 0.7580, 0.1232

Inverse Universe

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



38.0784, 36.5653, 48.7692



66.0378, 61.9793, 86.7772



38.8525, 37.0340, 45.6598



8.6385, 8.5377, 10.6990



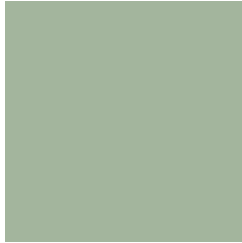
12.7883, 5.9284, 30.6073



0.4519, 0.2121, 0.9654

Previews

White Background



This preview shows how the XYZ color 37.7139, 43.2686, 38.2622 looks on a white background.

Color Contrast Check

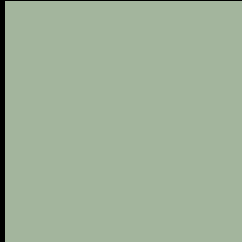
Large Text (above 18pt) WCAG AA × Fail

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 37.7139, 43.2686, 38.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

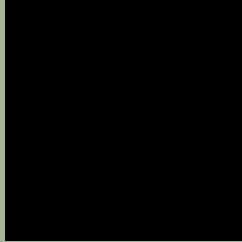
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7139, 43.2686, 38.2622

Background



This preview shows how black text looks on a background with the XYZ color 37.7139, 43.2686, 38.2622.



This preview shows how white text looks on a background with the XYZ color 37.7139, 43.2686,

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

37.7139, 43.2686, 38.2622

Protanopia

40.9299, 43.1834, 36.7498

Deuteranopia

43.7347, 42.8849, 38.7734



Tritanopia

40.9680, 43.0932, 54.8738

Trichromacy



Original Color

37.7139, 43.2686, 38.2622

Protanomaly

39.5430, 43.0409, 37.2339

Deuteranomaly

41.1227, 42.6701, 38.4165

Tritanomaly

39.6822, 43.1621, 48.3591

Monochromacy



Original Color

37.7139, 43.2686, 38.2622

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.8626, 42.2757, 42.6710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7139, 43.2686, 38.2622 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(163, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 157)  
}
```

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(163, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.7139, 43.2686, 38.2622 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(163, 181, 157) }
```


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

```
.border{ border-color:rgb(163, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 181, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 181, 157); box-shadow:4px 4px 4px 4px rgb(163, 181, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7139, 43.2686, 38.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 157) }
```

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

```
.background{ background-color: rgb(163,  
181, 157) }
```

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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