

Converting Colors

XYZ(37.1279, 38.2600, 43.5908)

Have a look what the booklet for
XYZ(37.1279, 38.2600, 43.5908)
contains.

XYZ(37.0730, 38.2476, 43.4588)	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(37.0730, 38.2476,
43.4588)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A5AA
RGB	169, 165, 170
RGB Percent	66%, 65%, 67%
CMY	0.3373, 0.3529, 0.3333
CMYK	0.01, 0.03, 0.00, 0.33
HSL	288°, 3%, 66%
HSV	288°, 3%, 67%
XYZ	37.0730, 38.2476, 43.4588
YIQ	166.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

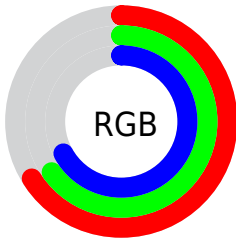
Format	Color
RYB	169, 165, 170
Decimal	11117994
CIELab	68.20, 2.38, -2.08
CIElCh	68, 3.159, 318.878
Yxy	38.2476, 0.3121, 0.3220
Android (android.graphics.Color)	4289308074 (0xFFA9A5AA)
YUV	166.7660, 1.5944, 1.9592
Hunter-Lab	61.8446, -1.2256, 1.6276

Details

The XYZ color **37.0730, 38.2476, 43.4588** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8937, 39.5742, 41.2934**, and the grayscale version is **36.6099, 38.5165, 41.9444**.

A 20% lighter version of the original color is **69.9243, 72.4699, 81.5369**, and **16.5113, 16.9002, 19.5314** is the 20% darker color. If you saturate the color by 10%, you get **33.4881, 32.1470, 42.4708**, and if you desaturate by 10%, it is **41.0867, 45.1765, 44.5852**.

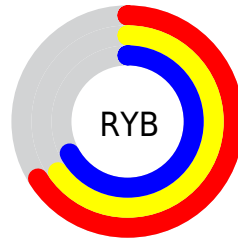
Distribution



Red (66%)

Green (65%)

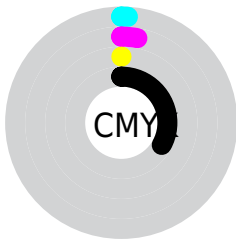
Blue (67%)



Red (66%)

Yellow (65%)

Blue (67%)

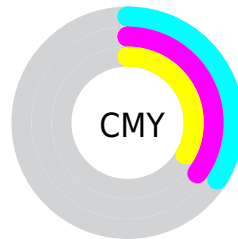


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0730, 38.2476, 43.4588 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 37.0730, 38.2476, 43.4588 by changing the saturation by 10% instead.

■ 37.0730, 38.2476,
43.4588

■ 37.0730, 38.2476,
43.4588

324.9765,
338.6809, 376.4717

■ 25.4380, 26.1749,
29.9112

■ 69.9981, 72.4875,
81.6965

■ 16.5341, 16.9545,
19.5197

■ 92.0190, 95.4235,
107.2237

■ 9.9961, 10.2021,
11.8658

118.2324,
122.7494, 137.5812

■ 5.4586, 5.5332,
6.5309

149.0038,
154.8495, 173.1875

■ 2.5563, 2.5633,
3.0966

184.6986,
192.1084, 214.4612

■ 0.9237, 0.9083,
1.1442

225.6821,

■ 0.0000, 0.0000,

234.9103, 261.8207

0.0000

272.3196,
283.6397, 315.6847

■ 37.0730, 38.2476,
43.4588

■ 37.0730, 38.2476,
43.4588

■ 33.4881, 32.1470,
42.4708

■ 41.0867, 45.1765,
44.5852

■ 30.3125, 26.8378,
41.6134

■ 45.5412, 52.9589,
45.8526

■ 27.5303, 22.2875,
40.8817

■ 50.4519, 61.6252,
47.2666

■ 25.1231, 18.4595,
40.2697

■ 55.8326, 71.2028,
48.8316

■ 23.0709, 15.3142,
39.7708

■ 61.6966, 81.7177,
50.5521

■ 21.3519, 12.8081,
39.3776

■ 64.1063, 85.2949,
51.1156

■ 19.9416, 10.8926,
39.0823

■ 64.9629, 85.7365,
51.1557

■ 18.8122, 9.5122,
38.8753

■ 65.8395, 86.1884,
51.1967

■ 17.9304, 8.6005,
38.7458

■ 66.7362, 86.6506,
51.2387

Harmonies

Analogous

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



36.6612, 38.2476, 44.2709



37.0730, 38.2476, 43.4588



37.2926, 38.2476, 42.1718

Triad

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



37.0730, 38.2476, 43.4588



36.5366, 38.2476, 39.0341



35.4624, 38.2476, 42.5310

Complementary

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



37.0730, 38.2476, 43.4588



36.8937, 39.5742, 41.2934

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.



35.4297, 38.2476, 41.1229



37.0730, 38.2476, 43.4588



36.0469, 38.2476, 39.1253

Square

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



37.0730, 38.2476, 43.4588



36.9811, 38.2476, 39.6305



35.6428, 38.2476, 39.8826



35.7325, 38.2476, 43.7269

Rectangle

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



37.0730, 38.2476, 43.4588



37.2992, 38.2476, 41.2270



35.6428, 38.2476, 39.8826



35.4233, 38.2476, 42.0661

Sweetspot

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



37.0741, 38.2492, 43.4596



68.6038, 71.6950, 79.2246



36.4258, 38.2062, 43.4855



15.3077, 16.0034, 17.6698



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.



37.0741, 38.2492, 43.4596



66.4904, 68.0694, 78.6362



37.1563, 38.3070, 42.7680



8.0651, 8.2244, 9.5807



12.8485, 6.0071, 28.4578



0.3490, 0.1649, 0.6941

Inverse Universe

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



36.9171, 38.2113, 41.5084



66.1004, 67.9759, 73.7601



36.8144, 39.5183, 41.9662



8.0112, 8.2115, 8.9051



12.4240, 6.3783, 1.7784



0.3191, 0.1619, 0.1317

Previews

White Background



This preview shows how the XYZ color 37.0730, 38.2476, 43.4588 looks on a white background.

Color Contrast Check

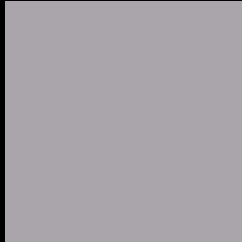
Large Text (above 18pt) WCAG AA × Fail

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 37.0730, 38.2476, 43.4588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

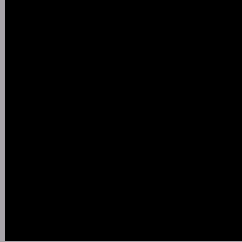
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

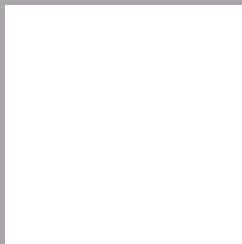
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0730, 38.2476, 43.4588

Background



This preview shows how black text looks on a background with the XYZ color 37.0730, 38.2476, 43.4588.



This preview shows how white text looks on a background with the XYZ color 37.0730, 38.2476,

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

37.0730, 38.2476, 43.4588

Protanopia

36.8593, 38.1374, 43.4488

Deuteranopia

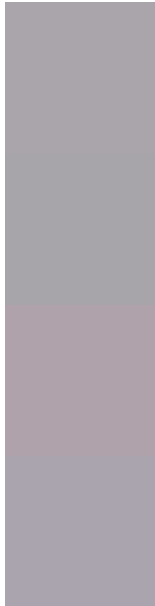
38.9179, 38.1333, 43.8373



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

37.0730, 38.2476, 43.4588

Protanomaly

36.8593, 38.1374, 43.4488

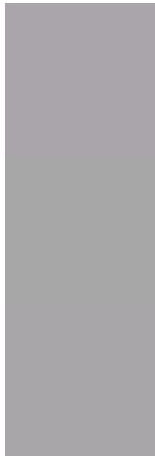
Deuteranomaly

38.1755, 38.0110, 43.8529

Tritanomaly

37.4930, 38.1530, 45.4326

Monochromacy



Original Color

37.0730, 38.2476, 43.4588

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8526, 38.4244, 42.5201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0730, 38.2476, 43.4588 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, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 170)  
}
```

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, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.0730, 38.2476, 43.4588 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, 165, 170) }
```


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

```
.border{ border-color:rgb(169, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0730, 38.2476, 43.4588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 165, 170) }
```

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

```
.background{ background-color: rgb(169,  
165, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor