

Converting Colors

XYZ(37.2072, 38.3300, 44.4393)

Have a look what the booklet for
XYZ(37.2072, 38.3300, 44.4393)
contains.

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Color

**XYZ(37.2637, 38.3238,
44.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A5AC
RGB	169, 165, 172
RGB Percent	66%, 65%, 67%
CMY	0.3373, 0.3529, 0.3255
CMYK	0.02, 0.04, 0.00, 0.33
HSL	274°, 4%, 66%
HSV	274°, 4%, 67%
XYZ	37.2637, 38.3238, 44.4630
YIQ	166.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

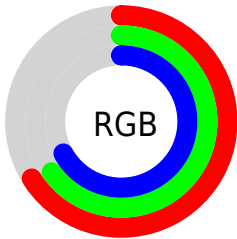
Format	Color
RYB	169, 165, 172
Decimal	11117996
CIELab	68.26, 2.76, -3.11
CIElCh	68, 4.159, 311.660
Yxy	38.3238, 0.3104, 0.3192
Android (android.graphics.Color)	4289308076 (0xFFA9A5AC)
YUV	166.9940, 2.4680, 1.7593
Hunter-Lab	61.9062, -0.8900, 0.7504

Details

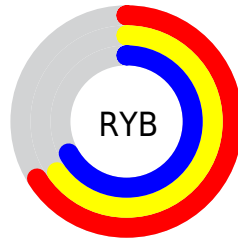
The XYZ color **37.2637, 38.3238, 44.4630** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6939, 40.5475, 41.4390**, and the grayscale version is **36.7169, 38.6290, 42.0670**.

A 20% lighter version of the original color is **70.1988, 72.5797, 82.9825**, and **16.6314, 16.9482, 20.1641** is the 20% darker color. If you saturate the color by 10%, you get **32.8303, 31.7393, 43.4263**, and if you desaturate by 10%, it is **42.2058, 45.7921, 45.6446**.

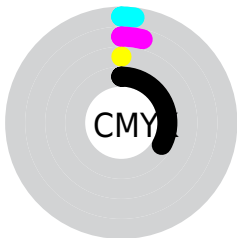
Distribution



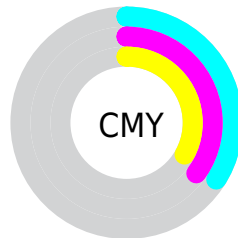
- Red (66%)
- Green (65%)
- Blue (67%)



- Red (66%)
- Yellow (65%)
- Blue (67%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2637, 38.3238, 44.4630 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 37.2637, 38.3238, 44.4630 by changing the saturation by 10% instead.

■ 37.2637, 38.3238,
44.4630

■ 37.2637, 38.3238,
44.4630

325.7865,
339.0070, 380.6908

■ 25.5863, 26.2341,
30.6948

■ 70.2894, 72.6042,
83.2239

■ 16.6455, 16.9989,
20.1100

■ 92.3684, 95.5636,
109.0536

■ 10.0758, 10.2337,
12.2902

118.6453,
122.9151, 139.7410

■ 5.5119, 5.5542,
6.8167

149.4856,
155.0430, 175.7045

■ 2.5884, 2.5759,
3.2710

185.2545,
192.3318, 217.3627

■ 0.9401, 0.9146,
1.2346

226.3174,

■ 0.0000, 0.0000,

235.1658, 265.1342

0.0073

273.0396,
283.9294, 319.4373

■ 0.0000, 0.0000,
0.0000

■ 37.2637, 38.3238,
44.4630

■ 37.2637, 38.3238,
44.4630

■ 32.8303, 31.7393,
43.4263

■ 42.2058, 45.7921,
45.6446

■ 28.8842, 25.9998,
42.5264

■ 47.6704, 54.1712,
46.9739

■ 25.4075, 21.0709,
41.7583

■ 53.6747, 63.4931,
48.4568

■ 22.3797, 16.9139,
41.1155

■ 60.2341, 73.7866,
50.0979

■ 19.7787, 13.4870,
40.5912

■ 67.3636, 85.0795,
51.9019

■ 17.5801, 10.7440,
40.1776

■ 70.7190, 88.6818,
52.4204

■ 15.7571, 8.6335,
39.8663

■ 72.9104, 89.8115,
52.5229

■ 14.2789, 7.0964,
39.6475

■ 75.2003, 90.9920,
52.6301

■ 13.1086, 6.0619,
39.5095

■ 77.5901, 92.2240,
52.7419

Harmonies

Analogous

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



36.6791, 38.3238, 45.3370



37.2637, 38.3238, 44.4630



37.6263, 38.3238, 42.8658

Triad

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



37.2637, 38.3238, 44.4630



36.8207, 38.3238, 38.4182



35.2139, 38.3238, 42.4566

Complementary

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



37.2637, 38.3238, 44.4630



37.6939, 40.5475, 41.4390

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.



35.2508, 38.3238, 40.6107



37.2637, 38.3238, 44.4630



36.1733, 38.3238, 38.3160

Square

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



37.2637, 38.3238, 44.4630



37.3685, 38.3238, 39.3911



35.6002, 38.3238, 39.1077



35.4988, 38.3238, 44.1557

Rectangle

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



37.2637, 38.3238, 44.4630



37.6907, 38.3238, 41.6244



35.6002, 38.3238, 39.1077



35.1891, 38.3238, 41.8320

Sweetspot

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



37.2648, 38.3254, 44.4638



70.2381, 73.4866, 81.2882



36.9737, 38.9970, 44.6088



15.2751, 15.9866, 17.6683



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.



37.2648, 38.3254, 44.4638



66.7395, 68.2343, 80.4588



37.8712, 38.6432, 44.2587



8.3860, 8.5489, 10.1608



9.3741, 4.1924, 29.3597



0.3218, 0.1481, 0.8196

Inverse Universe

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



37.5376, 38.5098, 42.5024



67.3578, 68.6518, 76.0241



37.1051, 40.2391, 41.6335



8.4717, 8.6068, 9.5466



13.6005, 6.9027, 5.5416



0.4061, 0.2031, 0.3004

Previews

White Background



This preview shows how the XYZ color 37.2637, 38.3238, 44.4630 looks on a white background.

Color Contrast Check

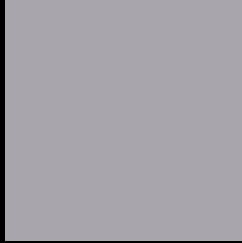
Large Text (above 18pt) WCAG AA × Fail

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 37.2637, 38.3238, 44.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

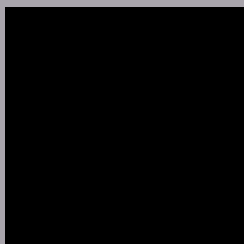
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2637, 38.3238, 44.4630

Background



This preview shows how black text looks on a background with the XYZ color 37.2637, 38.3238, 44.4630.



This preview shows how white text looks on a background with the XYZ color 37.2637, 38.3238,

44.4630.

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

37.2637, 38.3238, 44.4630

Protanopia

37.0500, 38.2137, 44.4530

Deuteranopia

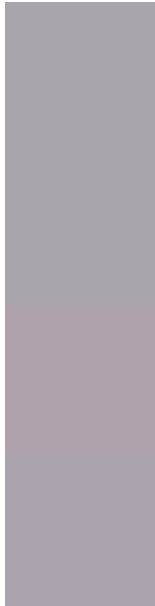
39.1101, 38.2102, 44.8491



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

37.2637, 38.3238, 44.4630

Protanomaly

37.0500, 38.2137, 44.4530

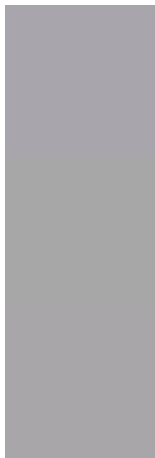
Deuteranomaly

38.3677, 38.0879, 44.8647

Tritanomaly

37.5909, 38.1921, 45.9480

Monochromacy



Original Color

37.2637, 38.3238, 44.4630

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9461, 38.4618, 43.0127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2637, 38.3238, 44.4630 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 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, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 172) }
```

Border

The CSS property to change the border of an element to XYZ 37.2637, 38.3238, 44.4630 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, 172) }
```


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

```
.border{ border-color:rgb(169, 165, 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, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(169, 165,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2637, 38.3238, 44.4630 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, 172) }
```

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

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