

Converting Colors

XYZ(35.5700, 38.8688, 29.6725)

Have a look what the booklet for
XYZ(35.5700, 38.8688, 29.6725)
contains.

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Color

**XYZ(35.5700, 38.8688,
29.6725)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA98A
RGB	171, 169, 138
RGB Percent	67%, 66%, 54%
CMY	0.3294, 0.3372, 0.4588
CMYK	0.00, 0.01, 0.19, 0.33
HSL	56°, 16%, 61%
HSV	56°, 19%, 67%
XYZ	35.5700, 38.8688, 29.6725
YIQ	166.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

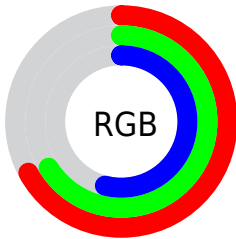
Format	Color
RYB	140, 171, 138
Decimal	11250058
CIELab	68.66, -4.58, 16.29
CIELCh	69, 16.924, 105.701
Yxy	38.8688, 0.3417, 0.3733
Android (android.graphics.Color)	4289440138 (0xFFABA98A)
YUV	166.0640, -13.8356, 4.3289
Hunter-Lab	62.3448, -7.2627, 15.4228

Details

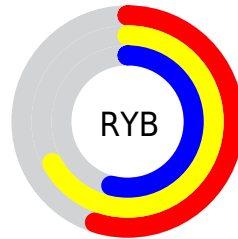
The XYZ color **35.5700, 38.8688, 29.6725** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2100, 27.0993, 42.3249**, and the grayscale version is **36.3383, 38.2307, 41.6332**.

A 20% lighter version of the original color is **67.8486, 73.4480, 60.4700**, and **15.5940, 17.2787, 11.7458** is the 20% darker color. If you saturate the color by 10%, you get **34.2369, 38.0301, 23.5936**, and if you desaturate by 10%, it is **37.1016, 39.7919, 36.7803**.

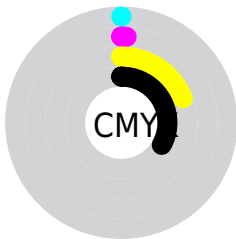
Distribution



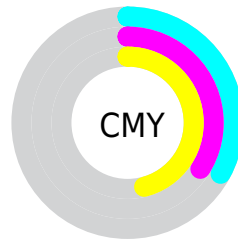
- Red (67%)
- Green (66%)
- Blue (54%)



- Red (55%)
- Yellow (67%)
- Blue (54%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5700, 38.8688, 29.6725 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 35.5700, 38.8688, 29.6725 by changing the saturation by 10% instead.


 35.5700, 38.8688,
29.6725

 35.5700, 38.8688,
29.6725


318.5413,
341.3324, 314.5346


 24.2708, 26.6577,
19.3402


 67.6961, 73.4378,
60.1987

 15.6605, 17.3163,
11.7371


 89.2537, 96.5646,
81.2298

 9.3735, 10.4603,
6.4445


 114.9616,
124.0986, 106.6641

 5.0447, 5.7052,
3.0441

145.1850,
156.4243, 136.9203

 2.3085, 2.6666,
1.1172

180.2893,
193.9262, 172.4169

 0.7990, 0.9603,
0.0000

220.6399,

 0.0000, 0.0000,

236.9886, 213.5725

0.0000

266.6021,
285.9958, 260.8055

■ 35.5700, 38.8688,
29.6725

■ 35.5700, 38.8688,
29.6725

■ 34.2369, 38.0301,
23.5936

■ 37.1016, 39.7919,
36.7803

■ 33.0902, 37.2672,
18.4931

■ 38.8372, 40.7978,
44.9592

■ 32.1210, 36.5776,
14.3202

■ 40.7858, 41.8913,
54.2522

■ 31.3187, 35.9572,
11.0184

■ 42.9550, 43.0755,
64.6992

■ 30.6713, 35.4012,
8.5249

■ 45.3520, 44.3532,
76.3380

■ 30.1653, 34.9042,
6.7688

■ 47.9836, 45.7273,
89.2049

■ 29.7850, 34.4598,
5.6668

■ 50.4183, 47.0251,
101.0272

■ 29.4987, 34.0555,
5.0531

■ 50.6222, 47.4331,
101.0952

■ 29.4795, 34.0275,
5.0142

■ 50.8278, 47.8441,
101.1637

Harmonies

Analogous

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



38.2278, 38.8688, 29.5990



35.5700, 38.8688, 29.6725



33.3855, 38.8688, 32.8501

Triad

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



35.5700, 38.8688, 29.6725



33.4687, 38.8688, 53.7561



42.1519, 38.8688, 46.0626

Complementary

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



35.5700, 38.8688, 29.6725



27.2100, 27.0993, 42.3249

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.



40.7460, 38.8688, 53.4581



35.5700, 38.8688, 29.6725



35.6885, 38.8688, 58.2496

Square

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



35.5700, 38.8688, 29.6725



32.2128, 38.8688, 46.4316



38.3522, 38.8688, 58.1344



42.1163, 38.8688, 38.4614

Rectangle

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



35.5700, 38.8688, 29.6725



32.4540, 38.8688, 36.5481



38.3522, 38.8688, 58.1344



41.8293, 38.8688, 48.6731

Sweetspot

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



35.5710, 38.8705, 29.6733



67.3982, 71.8231, 70.3338



30.6319, 28.7348, 28.8208



14.9877, 15.9921, 15.4859



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.



35.5710, 38.8705, 29.6733



62.6820, 68.9790, 48.4510



32.9969, 38.0991, 29.6601



8.6206, 9.2460, 8.5437



22.2370, 25.6795, 3.7846



0.6308, 0.7388, 0.1094

Inverse Universe

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



27.2100, 27.0993, 42.3249



45.0400, 44.1420, 75.1483



29.4448, 27.8222, 42.3467



7.6164, 7.8321, 10.0630



5.6401, 2.4141, 29.2132



0.1692, 0.0918, 0.8168

Previews

White Background



This preview shows how the XYZ color 35.5700, 38.8688, 29.6725 looks on a white background.

Color Contrast Check

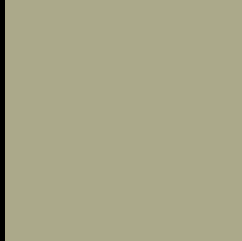
Large Text (above 18pt) WCAG AA × Fail

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 35.5700, 38.8688, 29.6725 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 35.5700, 38.8688, 29.6725

Background



This preview shows how black text looks on a background with the XYZ color 35.5700, 38.8688, 29.6725.



This preview shows how white text looks on a background with the XYZ color 35.5700, 38.8688,

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

35.5700, 38.8688, 29.6725

Protanopia

36.4655, 38.7907, 29.2323

Deuteranopia

39.4708, 38.7206, 30.2044



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

35.5700, 38.8688, 29.6725

Protanomaly

36.1972, 38.9254, 29.2725

Deuteranomaly

37.9432, 38.7293, 29.9018

Tritanomaly

37.7026, 38.9155, 40.1746

Monochromacy



Original Color

35.5700, 38.8688, 29.6725

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9679, 38.3626, 36.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5700, 38.8688, 29.6725 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(171, 169, 138)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 138)  
}
```

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(171, 169, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.5700, 38.8688, 29.6725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

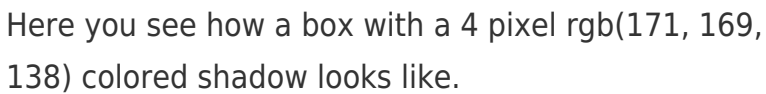
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 169, 138) }
```


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

```
.border{ border-color:rgb(171, 169, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 169, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 169, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 169, 138); box-shadow:4px 4px 4px 4px rgb(171, 169, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5700, 38.8688, 29.6725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 138) }
```

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

```
.background{ background-color: rgb(171,  
169, 138) }
```

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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