

Converting Colors

XYZ(35.8156, 38.7387, 28.5975)

Have a look what the booklet for
XYZ(35.8156, 38.7387, 28.5975)
contains.

XYZ(35.8314, 38.7532, 28.5133)	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(35.8314, 38.7532,
28.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA887
RGB	174, 168, 135
RGB Percent	68%, 66%, 53%
CMY	0.3176, 0.3412, 0.4706
CMYK	0.00, 0.03, 0.22, 0.32
HSL	51°, 19%, 61%
HSV	51°, 22%, 68%
XYZ	35.8314, 38.7532, 28.5133
YIQ	166.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

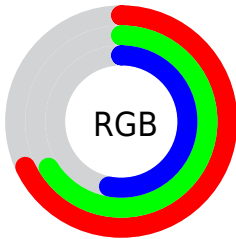
Format	Color
RYB	142, 174, 135
Decimal	11446407
CIELab	68.57, -3.34, 17.86
CIELCh	69, 18.168, 100.585
Yxy	38.7532, 0.3475, 0.3759
Android (android.graphics.Color)	4289636487 (0xFFAEA887)
YUV	166.0320, -15.2988, 6.9879
Hunter-Lab	62.2521, -6.1991, 16.4199

Details

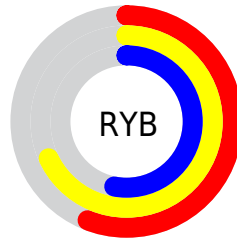
The XYZ color **35.8314, 38.7532, 28.5133** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.1565, 27.2561, 43.8744**, and the grayscale version is **36.3287, 38.2206, 41.6222**.

A 20% lighter version of the original color is **68.0979, 73.2292, 58.1225**, and **15.7702, 17.2116, 11.0853** is the 20% darker color. If you saturate the color by 10%, you get **34.2166, 37.3264, 22.4169**, and if you desaturate by 10%, it is **37.6586, 40.2839, 35.6693**.

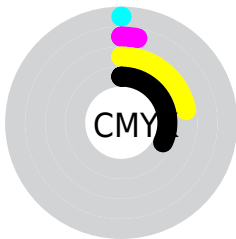
Distribution



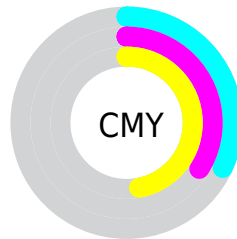
- Red (68%)
- Green (66%)
- Blue (53%)



- Red (56%)
- Yellow (68%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8314, 38.7532, 28.5133 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 35.8314, 38.7532, 28.5133 by changing the saturation by 10% instead.

■ 35.8314, 38.7532,
28.5133

■ 35.8314, 38.7532,
28.5133

319.6671,
340.8401, 308.9003

■ 24.4735, 26.5678,
18.4705

■ 68.0973, 73.2611,
58.3358

■ 15.8119, 17.2489,
11.1154

■ 89.7361, 96.3525,
78.9527

■ 9.4811, 10.4121,
6.0294

■ 115.5325,
123.8479, 103.9314

■ 5.1159, 5.6730,
2.7939

145.8520,
156.1318, 133.6903

■ 2.3509, 2.6473,
0.9904

181.0598,
193.5885, 168.6482

■ 0.8205, 0.9505,
0.0000

221.5214,

■ 0.0000, 0.0000,

236.6026, 209.2235

0.0000

267.6020,
285.5583, 255.8347

■ 35.8314, 38.7532,
28.5133

■ 35.8314, 38.7532,
28.5133

■ 34.2166, 37.3264,
22.4169

■ 37.6586, 40.2839,
35.6693

■ 32.8015, 35.9943,
17.3265

■ 39.7044, 41.9170,
43.9301

■ 31.5764, 34.7544,
13.1875

■ 41.9782, 43.6578,
53.3413

■ 30.5298, 33.6017,
9.9389

■ 44.4883, 45.5096,
63.9453

■ 29.6487, 32.5312,
7.5129

■ 47.2422, 47.4756,
75.7823

■ 28.9183, 31.5367,
5.8320

■ 50.2473, 49.5589,
88.8905

■ 28.3210, 30.6111,
4.8035

■ 53.2191, 51.6456,
101.7714

■ 27.9279, 29.9432,
4.3077

■ 53.7909, 52.7892,
101.9620

■ 54.3734, 53.9541,
102.1561

Harmonies

Analogous

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



38.6949, 38.7532, 29.0001



35.8314, 38.7532, 28.5133



33.3659, 38.7532, 31.3153

Triad

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



35.8314, 38.7532, 28.5133



32.8077, 38.7532, 53.3106



42.2757, 38.7532, 47.6586

Complementary

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



35.8314, 38.7532, 28.5133



27.1565, 27.2561, 43.8744

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.



40.5339, 38.7532, 55.3428



35.8314, 38.7532, 28.5133



35.0333, 38.7532, 58.8872

Square

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



35.8314, 38.7532, 28.5133



31.6812, 38.7532, 45.1596



37.8546, 38.7532, 59.6756



42.5167, 38.7532, 39.3643

Rectangle

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



35.8314, 38.7532, 28.5133



32.2418, 38.7532, 34.9138



37.8546, 38.7532, 59.6756



41.8422, 38.7532, 50.4256

Sweetspot

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



35.8324, 38.7549, 28.5141



70.2209, 74.6136, 72.3706



30.9650, 28.2652, 29.2190



15.5596, 16.5455, 15.8923



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.8324, 38.7549, 28.5141



63.4651, 68.9626, 45.8857



34.2076, 39.5988, 28.7626



8.5562, 9.1172, 8.5222



20.2912, 21.7878, 3.1360



0.5923, 0.6617, 0.0965

Inverse Universe

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



27.1565, 27.2561, 43.8744



44.8642, 44.3119, 78.8253



28.5172, 26.6804, 43.6915



7.6746, 7.9487, 10.0824



5.8504, 2.8346, 29.2833



0.1925, 0.1383, 0.8245

Previews

White Background



This preview shows how the XYZ color 35.8314, 38.7532, 28.5133 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 35.8314, 38.7532, 28.5133 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

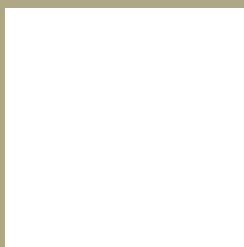
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8314, 38.7532, 28.5133

Background



This preview shows how black text looks on a background with the XYZ color 35.8314, 38.7532, 28.5133.



This preview shows how white text looks on a background with the XYZ color 35.8314, 38.7532,

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

35.8314, 38.7532, 28.5133

Protanopia

36.2533, 38.7058, 28.1145

Deuteranopia

39.4369, 38.7366, 28.6909



Tritanopia

39.2486, 38.5195, 45.9238

Trichromacy



Original Color

35.8314, 38.7532, 28.5133

Protanomaly

36.0263, 38.5888, 28.1038

Deuteranomaly

38.2129, 38.8933, 28.7857

Tritanomaly

37.7521, 38.4361, 38.6869

Monochromacy



Original Color

35.8314, 38.7532, 28.5133

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0973, 38.4390, 36.5273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8314, 38.7532, 28.5133 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(174, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 135)  
}
```

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(174, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 135) }
```

Border

The CSS property to change the border of an element to XYZ 35.8314, 38.7532, 28.5133 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(174, 168, 135) }
```


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

```
.border{ border-color:rgb(174, 168, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8314, 38.7532, 28.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 135) }
```

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

```
.background{ background-color: rgb(174,  
168, 135) }
```

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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