

Converting Colors

XYZ(35.5774, 40.2499, 27.8201)

Have a look what the booklet for
XYZ(35.5774, 40.2499, 27.8201)
contains.

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Color

**XYZ(35.6631, 40.3731,
27.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AE84
RGB	169, 174, 132
RGB Percent	66%, 68%, 52%
CMY	0.3373, 0.3176, 0.4823
CMYK	0.03, 0.00, 0.24, 0.32
HSL	67°, 21%, 60%
HSV	67°, 24%, 68%
XYZ	35.6631, 40.3731, 27.7429
YIQ	167.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

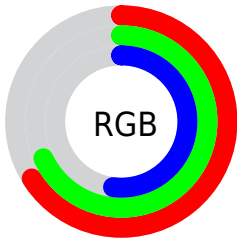
Format	Color
RYB	132, 174, 137
Decimal	11120260
CIELab	69.73, -8.91, 21.03
CIElCh	70, 22.837, 112.974
Yxy	40.3731, 0.3436, 0.3890
Android (android.graphics.Color)	4289310340 (0xFFA9AE84)
YUV	167.7170, -17.6085, 1.1252
Hunter-Lab	63.5398, -11.0077, 18.5906

Details

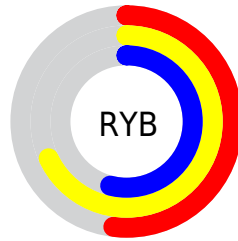
The XYZ color **35.6631, 40.3731, 27.7429** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.2093, 24.8779, 43.4673**, and the grayscale version is **37.1615, 39.0968, 42.5765**.

A 20% lighter version of the original color is **67.8276, 75.5490, 56.9065**, and **15.6850, 18.2413, 10.6769** is the 20% darker color. If you saturate the color by 10%, you get **34.1295, 39.7101, 21.9655**, and if you desaturate by 10%, it is **37.4045, 41.1228, 34.5684**.

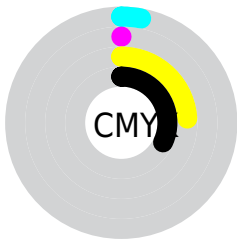
Distribution



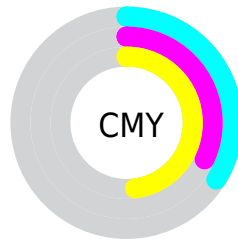
- Red (66%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)





- Cyan (34%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6631, 40.3731, 27.7429 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 35.6631, 40.3731, 27.7429 by changing the saturation by 10% instead.


 35.6631, 40.3731,
27.7429


 35.6631, 40.3731,
27.7429


318.9426,
347.6936, 305.1095


 24.3430, 27.8296,
17.8946


 67.8390, 75.7313,
57.0919

 15.7144, 18.1972,
10.7057


 89.4256, 99.3148,
77.4296

 9.4118, 11.0917,
5.7576


 115.1650,
127.3470, 102.1009

 5.0700, 6.1285,
2.6319

145.4227,
160.2125, 131.5243

 2.3236, 2.9234,
0.9088

180.5639,
198.2954, 166.1183

 0.8067, 1.0919,
0.0000

220.9540,

 0.0000, 0.0000,

241.9803, 206.3015

0.0000

266.9585,
291.6516, 252.4924

■ 35.6631, 40.3731,
27.7429

■ 35.6631, 40.3731,
27.7429

■ 34.1295, 39.7101,
21.9655

■ 37.4045, 41.1228,
34.5684

■ 32.7907, 39.1244,
17.1819

■ 39.3597, 41.9575,
42.4876

■ 31.6370, 38.6135,
13.3365

■ 41.5385, 42.8824,
51.5468

■ 30.6566, 38.1728,
10.3675

■ 43.9489, 43.9009,
61.7885

■ 29.8364, 37.7970,
8.2055

■ 46.5986, 45.0159,
73.2533

■ 29.1611, 37.4799,
6.7710

■ 49.4952, 46.2304,
85.9798

■ 28.6125, 37.2143,
5.9679

■ 52.6455, 47.5473,
100.0048

■ 28.3256, 37.0728,
5.6629

■ 53.3359, 47.8810,
101.0386

■ 53.8418, 48.1418,
101.0623

Harmonies

Analogous

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



39.2502, 40.3731, 26.6803



35.6631, 40.3731, 27.7429



32.9694, 40.3731, 32.7966

Triad

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



35.6631, 40.3731, 27.7429



34.2469, 40.3731, 62.3143



45.8760, 40.3731, 46.4989

Complementary

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



35.6631, 40.3731, 27.7429



26.2093, 24.8779, 43.4673

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.



44.3379, 40.3731, 57.4051



35.6631, 40.3731, 27.7429



37.5098, 40.3731, 67.4398

Square

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



35.6631, 40.3731, 27.7429



32.1892, 40.3731, 52.4011



41.2177, 40.3731, 65.5123



45.3030, 40.3731, 36.4769

Rectangle

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



35.6631, 40.3731, 27.7429



31.9651, 40.3731, 38.2596



41.2177, 40.3731, 65.5123



45.5856, 40.3731, 50.1990

Sweetspot

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



35.6641, 40.3749, 27.7438



70.2905, 75.6339, 72.5639



30.5532, 28.5286, 25.7266



15.5763, 16.7906, 15.9387



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.



35.6641, 40.3749, 27.7438



63.1465, 72.5657, 44.4588



31.5332, 38.2453, 27.5504



8.5673, 9.2811, 8.5532



20.5764, 26.9046, 4.1086



0.5983, 0.7618, 0.1155

Inverse Universe

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



26.2093, 24.8779, 43.4673



42.9836, 39.5124, 77.9980



29.9734, 26.8184, 43.6434



7.6643, 7.8012, 10.0545



5.7894, 2.3444, 29.1919



0.1884, 0.0793, 0.8134

Previews

White Background



This preview shows how the XYZ color 35.6631, 40.3731, 27.7429 looks on a white background.

Color Contrast Check

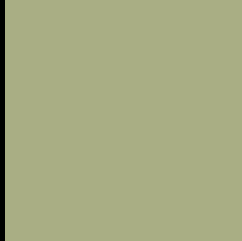
Large Text (above 18pt) WCAG AA × Fail

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 35.6631, 40.3731, 27.7429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

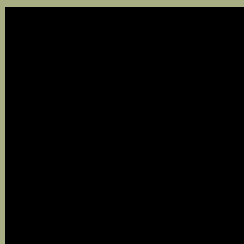
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

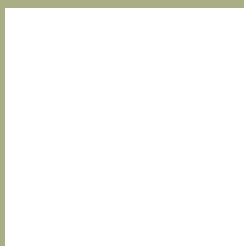
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6631, 40.3731, 27.7429

Background



This preview shows how black text looks on a background with the XYZ color 35.6631, 40.3731, 27.7429.



This preview shows how white text looks on a background with the XYZ color 35.6631, 40.3731,

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

35.6631, 40.3731, 27.7429

Protanopia

37.6954, 40.3062, 26.9122

Deuteranopia

40.9535, 40.0577, 28.1277



Tritanopia

40.0223, 40.4554, 49.4153

Trichromacy



Original Color

35.6631, 40.3731, 27.7429

Protanomaly

36.7911, 40.1116, 27.2759

Deuteranomaly

38.7914, 40.0223, 27.8708

Tritanomaly

38.2192, 40.2780, 40.4104

Monochromacy



Original Color

35.6631, 40.3731, 27.7429

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4396, 39.4408, 36.7026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6631, 40.3731, 27.7429 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, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 174, 132)  
}
```

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, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 174, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.6631, 40.3731, 27.7429 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, 174, 132) }
```


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

```
.border{ border-color:rgb(169, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 174,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6631, 40.3731, 27.7429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 174, 132) }
```

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

```
.background{ background-color: rgb(169,  
174, 132) }
```

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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