

Converting Colors

XYZ(31.7051, 35.5580, 28.9233)

Have a look what the booklet for
XYZ(31.7051, 35.5580, 28.9233)
contains.

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Color

**XYZ(31.6954, 35.5252,
28.8534)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA489
RGB	157, 164, 137
RGB Percent	62%, 64%, 54%
CMY	0.3843, 0.3568, 0.4627
CMYK	0.04, 0.00, 0.16, 0.36
HSL	76°, 13%, 59%
HSV	76°, 16%, 64%
XYZ	31.6954, 35.5252, 28.8534
YIQ	158.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

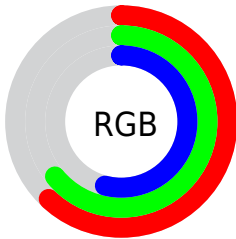
Format	Color
RYB	137, 164, 144
Decimal	10331273
CIELab	66.16, -7.39, 13.19
CIELCh	66, 15.115, 119.271
Yxy	35.5252, 0.3299, 0.3698
Android (android.graphics.Color)	4288521353 (0xFF9DA489)
YUV	158.8290, -10.7617, -1.6040
Hunter-Lab	59.6030, -9.3834, 13.0202

Details

The XYZ color **31.6954, 35.5252, 28.8534** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.1496, 26.5019, 38.8084**, and the grayscale version is **32.9235, 34.6381, 37.7209**.

A 20% lighter version of the original color is **61.7772, 68.3778, 58.6574**, and **13.4583, 15.3406, 11.2685** is the 20% darker color. If you saturate the color by 10%, you get **29.7920, 34.6708, 23.0830**, and if you desaturate by 10%, it is **33.8085, 36.4692, 35.5686**.

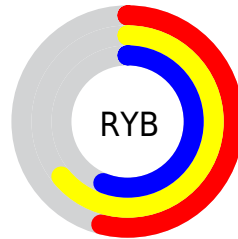
Distribution



Red (62%)

Green (64%)

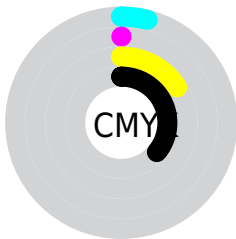
Blue (54%)



Red (54%)

Yellow (64%)

Blue (56%)

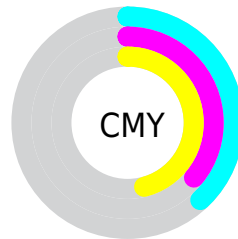


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6954, 35.5252, 28.8534 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 31.6954, 35.5252, 28.8534 by changing the saturation by 10% instead.

■ 31.6954, 35.5252,
28.8534

■ 31.6954, 35.5252,
28.8534

301.4994,
326.8805, 310.5619

■ 21.2834, 24.0677,
18.7253

■ 61.7017, 68.2986,
58.8835

■ 13.4449, 15.3839,
11.2972

■ 82.0267, 90.3833,
79.6226

■ 7.8147, 9.0892,
6.1504

■ 106.3866,
116.7792, 104.7358

■ 4.0274, 4.7994,
2.8665

135.1470,
147.8707, 134.6416

■ 1.7177, 2.1301,
1.0269

168.6731,
184.0422, 169.7586

■ 0.4673, 0.6815,
0.0000

207.3303,

■ 0.0000, 0.0000,

225.6780, 210.5052

0.0000

251.4839,
273.1627, 257.3002

■ 31.6954, 35.5252,
28.8534

■ 31.6954, 35.5252,
28.8534

■ 29.7920, 34.6708,
23.0830

■ 33.8085, 36.4692,
35.5686

■ 28.0871, 33.8979,
18.2127

■ 36.1362, 37.5012,
43.2660

■ 26.5727, 33.2045,
14.1977

■ 38.6869, 38.6258,
51.9839

■ 25.2390, 32.5866,
10.9883

■ 41.4676, 39.8459,
61.7576

■ 24.0754, 32.0400,
8.5297

■ 44.4850, 41.1641,
72.6210

■ 23.0699, 31.5597,
6.7605

■ 47.7454, 42.5830,
84.6064

■ 22.2085, 31.1403,
5.6093

■ 51.2551, 44.1051,
97.7446

■ 21.4719, 30.7738,
4.9747

■ 52.8201, 44.8529,
100.4813

■ 21.2267, 30.6511,
4.7975

■ 53.9058, 45.4127,
100.5321

Harmonies

Analogous

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



33.8207, 35.5252, 27.5732



31.6954, 35.5252, 28.8534



30.1837, 35.5252, 32.6923

Triad

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



31.6954, 35.5252, 28.8534



31.6041, 35.5252, 50.3313



38.2762, 35.5252, 38.8387

Complementary

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



31.6954, 35.5252, 28.8534



27.1496, 26.5019, 38.8084

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.



37.6203, 35.5252, 45.3596



31.6954, 35.5252, 28.8534



33.7107, 35.5252, 52.4309

Square

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



31.6954, 35.5252, 28.8534



30.1327, 35.5252, 45.0568



35.9241, 35.5252, 50.5194



37.6795, 35.5252, 32.9368

Rectangle

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



31.6954, 35.5252, 28.8534



29.6932, 35.5252, 36.4211



35.9241, 35.5252, 50.5194



38.1944, 35.5252, 41.0323

Sweetspot

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



31.6963, 35.5268, 28.8542



61.9203, 66.4409, 66.3674



29.7619, 29.5706, 27.8065



13.4779, 14.4990, 14.3166



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.6963, 35.5268, 28.8542



56.1349, 63.8573, 48.0753



29.2500, 34.2656, 28.7397



7.4693, 8.1444, 7.5584



16.3207, 23.5241, 3.6804



0.3831, 0.5150, 0.0792

Inverse Universe

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



27.1496, 26.5019, 38.8084



46.1972, 44.1299, 69.8354



29.6012, 27.7658, 38.9232



6.8647, 6.9446, 8.8817



5.9262, 2.4616, 27.0926



0.1659, 0.0731, 0.5712

Previews

White Background



This preview shows how the XYZ color 31.6954, 35.5252, 28.8534 looks on a white background.

Color Contrast Check

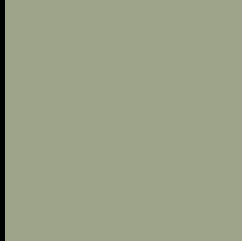
Large Text (above 18pt) WCAG AA × Fail

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 31.6954, 35.5252, 28.8534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

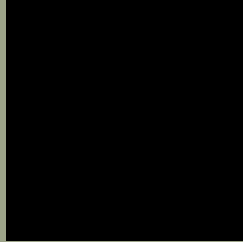
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.6954, 35.5252, 28.8534

Background



This preview shows how black text looks on a background with the XYZ color 31.6954, 35.5252, 28.8534.



This preview shows how white text looks on a background with the XYZ color 31.6954, 35.5252,

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

31.6954, 35.5252, 28.8534

Protanopia

33.3062, 35.3259, 27.9848

Deuteranopia

36.1487, 35.4971, 29.3725



Tritanopia

34.7448, 35.4562, 44.0422

Trichromacy



Original Color

31.6954, 35.5252, 28.8534

Protanomaly

32.7059, 35.2666, 28.3759

Deuteranomaly

34.2699, 35.2874, 29.0497

Tritanomaly

33.5001, 35.4665, 37.8810

Monochromacy



Original Color

31.6954, 35.5252, 28.8534

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.4313, 34.9932, 34.3232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6954, 35.5252, 28.8534 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(157, 164, 137)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 137)  
}
```

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(157, 164, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 137) }
```

Border

The CSS property to change the border of an element to XYZ 31.6954, 35.5252, 28.8534 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(157, 164, 137) }
```


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

```
.border{ border-color:rgb(157, 164, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 164, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 164, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 164, 137); box-shadow:4px 4px 4px 4px rgb(157, 164, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6954, 35.5252, 28.8534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 137) }
```

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

```
.background{ background-color: rgb(157,  
164, 137) }
```

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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