

Converting Colors

XYZ(34.6720, 38.0585, 28.4963)

Have a look what the booklet for
XYZ(34.6720, 38.0585, 28.4963)
contains.

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Color

**XYZ(34.7380, 38.1895,
28.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A887
RGB	169, 168, 135
RGB Percent	66%, 66%, 53%
CMY	0.3373, 0.3412, 0.4706
CMYK	0.00, 0.01, 0.20, 0.34
HSL	58°, 17%, 60%
HSV	58°, 20%, 66%
XYZ	34.7380, 38.1895, 28.4621
YIQ	164.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

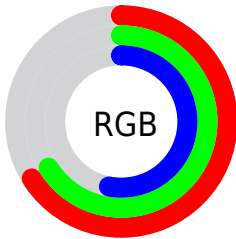
Format	Color
RYB	136, 169, 135
Decimal	11118727
CIELab	68.16, -5.27, 17.22
CIElCh	68, 18.014, 107.021
Yxy	38.1895, 0.3426, 0.3767
Android (android.graphics.Color)	4289308807 (0xFFA9A887)
YUV	164.5370, -14.5617, 3.9141
Hunter-Lab	61.7977, -7.8066, 15.9512

Details

The XYZ color **34.7380, 38.1895, 28.4621** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9573, 25.6234, 41.1141**, and the grayscale version is **35.6070, 37.4614, 40.7954**.

A 20% lighter version of the original color is **66.2052, 72.2535, 58.0339**, and **15.2212, 16.9286, 11.0596** is the 20% darker color. If you saturate the color by 10%, you get **33.5505, 37.5697, 22.6545**, and if you desaturate by 10%, it is **36.1168, 38.8889, 35.2663**.

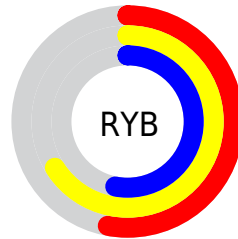
Distribution



Red (66%)

Green (66%)

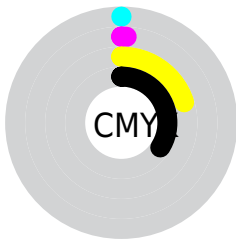
Blue (53%)



Red (53%)

Yellow (66%)

Blue (53%)

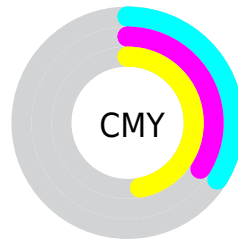


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7380, 38.1895, 28.4621 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 34.7380, 38.1895, 28.4621 by changing the saturation by 10% instead.

■ 34.7380, 38.1895,
28.4621

■ 34.7380, 38.1895,
28.4621

314.9387,
338.4322, 308.6496

■ 23.6267, 26.1298,
18.4322

■ 66.4164, 72.3985,
58.2533

■ 15.1802, 16.9208,
11.0881

■ 87.7142, 95.3166,
78.8517

■ 9.0331, 10.1780,
6.0112

■ 113.1382,
122.6229, 103.8101

■ 4.8200, 5.5171,
2.7830

143.0537,
154.7019, 133.5469

■ 2.1757, 2.5538,
0.9849

177.8262,
191.9379, 168.4807

■ 0.7299, 0.9035,
0.0000

217.8210,

■ 0.0000, 0.0000,

234.7154, 209.0301

0.0000

263.4033,
283.4187, 255.6135

■ 34.7380, 38.1895,
28.4621

■ 34.7380, 38.1895,
28.4621

■ 33.5505, 37.5697,
22.6545

■ 36.1168, 38.8889,
35.2663

■ 32.5424, 37.0210,
17.7943

■ 37.6921, 39.6662,
43.1083

■ 31.7050, 36.5411,
13.8316

■ 39.4729, 40.5262,
52.0302

■ 31.0279, 36.1259,
10.7112

■ 41.4664, 41.4719,
62.0708

■ 30.4994, 35.7707,
8.3716

■ 43.6797, 42.5061,
73.2670

■ 30.1063, 35.4702,
6.7430

■ 46.1195, 43.6314,
85.6543

■ 29.8329, 35.2181,
5.7435

■ 48.7922, 44.8505,
99.2663

■ 29.6463, 35.0030,
5.1937

■ 49.1585, 45.1475,
100.7311

■ 49.2530, 45.3364,
100.7626

Harmonies

Analogous

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



37.5260, 38.1895, 28.2431



34.7380, 38.1895, 28.4621



32.4839, 38.1895, 31.8927

Triad

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



34.7380, 38.1895, 28.4621



32.7350, 38.1895, 53.9719



41.8263, 38.1895, 45.1579

Complementary

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



34.7380, 38.1895, 28.4621



25.9573, 25.6234, 41.1141

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.



40.3995, 38.1895, 53.0581



34.7380, 38.1895, 28.4621



35.0970, 38.1895, 58.5718

Square

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



34.7380, 38.1895, 28.4621



31.3691, 38.1895, 46.2818



37.9040, 38.1895, 58.2172



41.7179, 38.1895, 37.2114

Rectangle

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



34.7380, 38.1895, 28.4621



31.5438, 38.1895, 35.8244



37.9040, 38.1895, 58.2172



41.5073, 38.1895, 47.9254

Sweetspot

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



34.7390, 38.1912, 28.4629



65.7708, 70.1881, 68.5642



29.4800, 27.5449, 27.1057



14.2980, 15.2796, 14.7594



80.6108, 84.8088, 92.3568



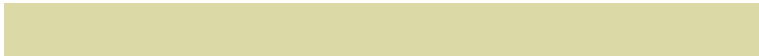
14.7206, 15.4872, 16.8656

Same Dimension

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



34.7390, 38.1912, 28.4629



61.2567, 67.9015, 46.2762



31.7236, 36.9109, 28.3747



8.1277, 8.7355, 8.0470



22.1022, 26.1016, 3.8732



0.5434, 0.6463, 0.0961

Inverse Universe

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



25.9573, 25.6234, 41.1141



42.7336, 41.3928, 72.9624



28.5636, 26.7596, 41.1961



7.1488, 7.3345, 9.4573



5.3844, 2.2291, 28.1220



0.1363, 0.0649, 0.6860

Previews

White Background



This preview shows how the XYZ color 34.7380, 38.1895, 28.4621 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 34.7380, 38.1895, 28.4621 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

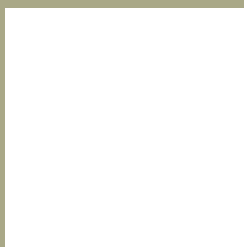
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7380, 38.1895, 28.4621

Background



This preview shows how black text looks on a background with the XYZ color 34.7380, 38.1895, 28.4621.



This preview shows how white text looks on a background with the XYZ color 34.7380, 38.1895,

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

34.7380, 38.1895, 28.4621

Protanopia

35.8438, 38.2238, 28.0430

Deuteranopia

38.8244, 38.1542, 28.9851



Tritanopia

38.1138, 37.9345, 45.8707

Trichromacy



Original Color

34.7380, 38.1895, 28.4621

Protanomaly

35.3554, 38.2429, 28.0724

Deuteranomaly

37.3083, 38.1623, 28.6923

Tritanomaly

36.6339, 37.8596, 38.6345

Monochromacy



Original Color

34.7380, 38.1895, 28.4621

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1948, 37.7125, 35.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7380, 38.1895, 28.4621 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, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 168, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.7380, 38.1895, 28.4621 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, 168, 135) }
```


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

```
.border{ border-color:rgb(169, 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(169, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 168, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 168, 135); box-shadow:4px 4px 4px 4px rgb(169, 168, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7380, 38.1895, 28.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 168, 135) }
```

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

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