

Converting Colors

XYZ(34.9450, 38.6188, 26.3813)

Have a look what the booklet for
XYZ(34.9450, 38.6188, 26.3813)
contains.

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Color

**XYZ(34.9450, 38.6188,
26.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA981
RGB	171, 169, 129
RGB Percent	67%, 66%, 51%
CMY	0.3294, 0.3372, 0.4941
CMYK	0.00, 0.01, 0.25, 0.33
HSL	57°, 20%, 59%
HSV	57°, 25%, 67%
XYZ	34.9450, 38.6188, 26.3813
YIQ	165.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

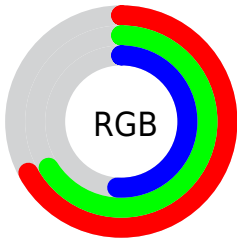
Format	Color
RYB	131, 171, 129
Decimal	11250049
CIELab	68.47, -5.92, 20.96
CIELCh	68, 21.781, 105.767
Yxy	38.6188, 0.3496, 0.3864
Android (android.graphics.Color)	4289440129 (0xFFABA981)
YUV	165.0380, -17.7667, 5.2287
Hunter-Lab	62.1440, -8.3774, 18.3311

Details

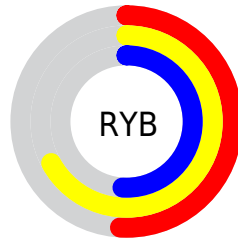
The XYZ color **34.9450, 38.6188, 26.3813** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.5202, 23.8395, 41.8374**, and the grayscale version is **35.8610, 37.7286, 41.0865**.

A 20% lighter version of the original color is **66.7777, 73.0196, 54.8306**, and **15.2438, 17.1386, 9.9018** is the 20% darker color. If you saturate the color by 10%, you get **33.7519, 37.9017, 20.8374**, and if you desaturate by 10%, it is **36.3313, 39.4174, 32.9291**.

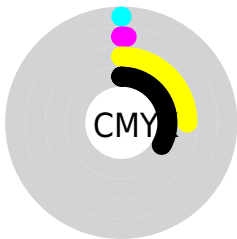
Distribution



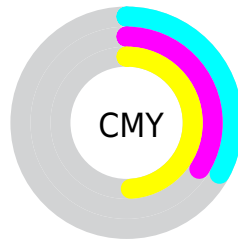
- Red (67%)
- Green (66%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9450, 38.6188, 26.3813 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 34.9450, 38.6188, 26.3813 by changing the saturation by 10% instead.

■ 34.9450, 38.6188,
26.3813

■ 34.9450, 38.6188,
26.3813

315.8378,
340.2671, 298.3137

■ 23.7868, 26.4633,
16.8808

■ 66.7351, 73.0556,
54.8811

■ 15.2994, 17.1706,
9.9885

■ 88.0978, 96.1057,
74.7174

■ 9.1175, 10.3562,
5.2858

■ 113.5927,
123.5562, 98.8361

■ 4.8756, 5.6357,
2.3543

143.5852,
155.7913, 127.6556

■ 2.2085, 2.6249,
0.7614

178.4405,
193.1956, 161.5946

■ 0.7472, 0.9392,
0.0000

218.5242,

■ 0.0000, 0.0000,

236.1534, 201.0716

0.0000

264.2015,
285.0491, 246.5051

■ 34.9450, 38.6188,
26.3813

■ 34.9450, 38.6188,
26.3813

■ 33.7519, 37.9017,
20.8374

■ 36.3313, 39.4174,
32.9291

■ 32.7394, 37.2570,
16.2450

■ 37.9167, 40.2957,
40.5246

■ 31.8985, 36.6825,
12.5509

■ 39.7103, 41.2588,
49.2122

■ 31.2177, 36.1735,
9.6956

■ 41.7200, 42.3099,
59.0328

■ 30.6844, 35.7250,
7.6124

■ 43.9531, 43.4519,
70.0254

■ 30.2840, 35.3311,
6.2244

■ 46.4167, 44.6876,
82.2269

■ 29.9989, 34.9848,
5.4387

■ 49.1174, 46.0197,
95.6729

■ 29.8694, 34.8073,
5.1442

■ 50.2733, 46.7353,
100.9789

■ 50.4326, 47.0538,
101.0320

Harmonies

Analogous

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



38.3495, 38.6188, 26.2856



34.9450, 38.6188, 26.3813



32.1856, 38.6188, 30.2143

Triad

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



34.9450, 38.6188, 26.3813



32.3000, 38.6188, 57.0668



43.4685, 38.6188, 46.8603

Complementary

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



34.9450, 38.6188, 26.3813



24.5202, 23.8395, 41.8374

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.



41.6311, 38.6188, 56.6301



34.9450, 38.6188, 26.3813



35.1101, 38.6188, 63.1146

Square

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



34.9450, 38.6188, 26.3813



30.7245, 38.6188, 47.3867



38.5252, 38.6188, 62.9434



43.4174, 38.6188, 37.1285

Rectangle

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



34.9450, 38.6188, 26.3813



31.0209, 38.6188, 34.7716



38.5252, 38.6188, 62.9434



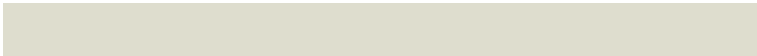
43.0465, 38.6188, 50.2776

Sweetspot

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



34.9460, 38.6205, 26.3821



67.1439, 71.7498, 68.9071



28.7488, 26.0004, 25.0122



14.9362, 15.9801, 15.1882



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.



34.9460, 38.6205, 26.3821



61.4854, 68.5125, 42.1122



31.4933, 37.3961, 26.3278



8.6296, 9.2640, 8.5467



22.5281, 26.2618, 3.8817



0.6364, 0.7500, 0.1112

Inverse Universe

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



24.5202, 23.8395, 41.8374



39.8398, 37.8259, 74.2032



27.3961, 24.9279, 41.8959



7.6083, 7.8160, 10.0603



5.6190, 2.3718, 29.2062



0.1660, 0.0853, 0.8157

Previews

White Background



This preview shows how the XYZ color 34.9450, 38.6188, 26.3813 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 34.9450, 38.6188, 26.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

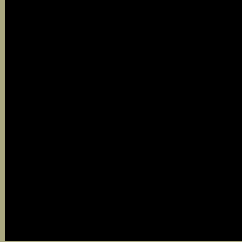
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9450, 38.6188, 26.3813

Background



This preview shows how black text looks on a background with the XYZ color 34.9450, 38.6188, 26.3813.



This preview shows how white text looks on a background with the XYZ color 34.9450, 38.6188,

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

34.9450, 38.6188, 26.3813

Protanopia

36.0751, 38.6609, 25.9830

Deuteranopia

39.1732, 38.3824, 26.8166



Tritanopia

39.0651, 38.6761, 46.4806

Trichromacy



Original Color

34.9450, 38.6188, 26.3813

Protanomaly

35.5781, 38.6777, 26.0125

Deuteranomaly

37.3762, 38.2452, 26.5312

Tritanomaly

37.3923, 38.5274, 38.2666

Monochromacy



Original Color

34.9450, 38.6188, 26.3813

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2401, 37.7549, 35.1358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9450, 38.6188, 26.3813 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 129) }
```

Border

The CSS property to change the border of an element to XYZ 34.9450, 38.6188, 26.3813 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, 129) }
```


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

```
.border{ border-color:rgb(171, 169, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9450, 38.6188, 26.3813 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, 129) }
```

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

```
.background{ background-color: rgb(171,  
169, 129) }
```

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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