

Converting Colors

XYZ(35.0374, 38.6803, 26.1115)

Have a look what the booklet for
XYZ(35.0374, 38.6803, 26.1115)
contains.

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Color

**XYZ(35.0975, 38.7051,
26.0431)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA980
RGB	172, 169, 128
RGB Percent	67%, 66%, 50%
CMY	0.3255, 0.3372, 0.4980
CMYK	0.00, 0.02, 0.26, 0.33
HSL	56°, 21%, 59%
HSV	56°, 26%, 67%
XYZ	35.0975, 38.7051, 26.0431
YIQ	165.2230, 14.9490, -12.1150

Conversions

Conversions Part 2

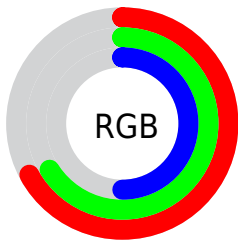
Format	Color
RYB	131, 172, 128
Decimal	11315584
CIELab	68.54, -5.67, 21.61
CIELCh	69, 22.337, 104.703
Yxy	38.7051, 0.3515, 0.3876
Android (android.graphics.Color)	4289505664 (0xFFACA980)
YUV	165.2230, -18.3509, 5.9434
Hunter-Lab	62.2134, -8.1733, 18.7301

Details

The XYZ color **35.0975, 38.7051, 26.0431** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.4647, 23.7998, 42.3342**, and the grayscale version is **35.9524, 37.8247, 41.1911**.

A 20% lighter version of the original color is **66.9911, 73.1415, 54.3030**, and **15.3442, 17.1946, 9.7179** is the 20% darker color. If you saturate the color by 10%, you get **33.8435, 37.8578, 20.5053**, and if you desaturate by 10%, it is **36.5474, 39.6366, 32.5940**.

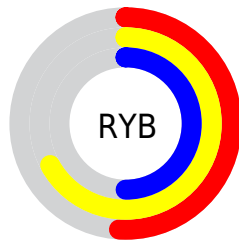
Distribution



Red (67%)

Green (66%)

Blue (50%)



Red (51%)

Yellow (67%)

Blue (50%)

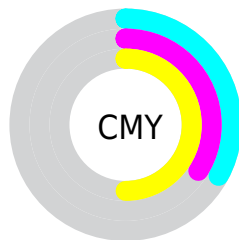


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0975, 38.7051, 26.0431 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 35.0975, 38.7051, 26.0431 by changing the saturation by 10% instead.

■ 35.0975, 38.7051,
26.0431

■ 35.0975, 38.7051,
26.0431

316.4990,
340.6351, 296.6058

■ 23.9049, 26.5304,
16.6298

■ 66.9698, 73.1876,
54.3294

■ 15.3874, 17.2208,
9.8118

■ 88.3802, 96.2642,
74.0395

■ 9.1798, 10.3921,
5.1704

■ 113.9272,
123.7435, 98.0190

■ 4.9167, 5.6597,
2.2871

143.9762,
156.0099, 126.6864

■ 2.2327, 2.6393,
0.7240

178.8925,
193.4479, 160.4602

■ 0.7599, 0.9464,
0.0000

219.0415,

■ 0.0000, 0.0000,

236.4419, 199.7590

0.0000

264.7885,
285.3761, 245.0014

■ 35.0975, 38.7051,
26.0431

■ 35.0975, 38.7051,
26.0431

■ 33.8435, 37.8578,
20.5053

■ 36.5474, 39.6366,
32.5940

■ 32.7728, 37.0855,
15.9271

■ 38.1992, 40.6506,
40.2030

■ 31.8757, 36.3859,
12.2540

■ 40.0623, 41.7523,
48.9151

■ 31.1408, 35.7542,
9.4251

■ 42.1447, 42.9449,
58.7722

■ 30.5549, 35.1852,
7.3716

■ 44.4539, 44.2313,
69.8140

■ 30.1031, 34.6729,
6.0144

■ 46.9971, 45.6145,
82.0783

■ 29.7661, 34.2096,
5.2526

■ 49.7811, 47.0972,
95.6010

■ 29.6343, 34.0127,
5.0032

■ 51.0581, 47.9803,
101.1778

■ 51.2928, 48.4496,
101.2560

Harmonies

Analogous

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



38.6019, 38.7051, 26.0808



35.0975, 38.7051, 26.0431



32.2313, 38.7051, 29.8176

Triad

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



35.0975, 38.7051, 26.0431



32.1860, 38.7051, 57.2946



43.7071, 38.7051, 47.4643

Complementary

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



35.0975, 38.7051, 26.0431



24.4647, 23.7998, 42.3342

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.



41.7552, 38.7051, 57.4690



35.0975, 38.7051, 26.0431



35.0319, 38.7051, 63.7310

Square

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



35.0975, 38.7051, 26.0431



30.6246, 38.7051, 47.2547



38.5320, 38.7051, 63.7994



43.7275, 38.7051, 37.4144

Rectangle

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



35.0975, 38.7051, 26.0431



31.0042, 38.7051, 34.3943



38.5320, 38.7051, 63.7994



43.2499, 38.7051, 50.9765

Sweetspot

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



35.0985, 38.7068, 26.0439



68.4949, 73.2597, 69.2087



28.8749, 25.8663, 25.1818



14.7877, 15.8613, 14.5889



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.



35.0985, 38.7068, 26.0439



62.2722, 69.2823, 41.0289



31.9122, 37.9011, 26.0563



8.6153, 9.2354, 8.5419



22.0689, 25.3433, 3.7286



0.6275, 0.7322, 0.1083

Inverse Universe

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



24.4647, 23.7998, 42.3342



39.4918, 37.3495, 75.9335



27.0794, 24.5590, 42.3430



7.6211, 7.8415, 10.0646



5.6525, 2.4389, 29.2173



0.1711, 0.0956, 0.8174

Previews

White Background



This preview shows how the XYZ color 35.0975, 38.7051, 26.0431 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 35.0975, 38.7051, 26.0431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

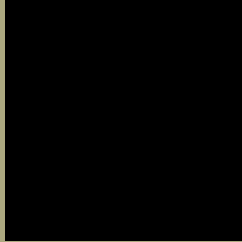
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

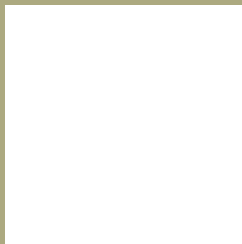
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0975, 38.7051, 26.0431

Background



This preview shows how black text looks on a background with the XYZ color 35.0975, 38.7051, 26.0431.



This preview shows how white text looks on a background with the XYZ color 35.0975, 38.7051,

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

35.0975, 38.7051, 26.0431

Protanopia

36.2399, 38.7534, 25.6488

Deuteranopia

39.3650, 38.4891, 26.4735



Tritanopia

39.1952, 38.7545, 45.9720

Trichromacy



Original Color

35.0975, 38.7051, 26.0431

Protanomaly

35.7379, 38.7677, 25.6780

Deuteranomaly

37.5532, 38.3442, 26.1908

Tritanomaly

37.5312, 38.6090, 37.8219

Monochromacy



Original Color

35.0975, 38.7051, 26.0431

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4522, 37.8643, 35.1458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0975, 38.7051, 26.0431 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(172, 169, 128)` looks like.

```
.text, #text, p{  
    color:rgb(172, 169, 128)  
}
```

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(172, 169, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 169, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.0975, 38.7051, 26.0431 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(172, 169, 128) }
```


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

```
.border{ border-color:rgb(172, 169, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 169, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 169, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 169, 128);  
box-shadow:4px 4px 4px 4px rgb(172, 169,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0975, 38.7051, 26.0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 169, 128) }
```

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

```
.background{ background-color: rgb(172,  
169, 128) }
```

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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