

Converting Colors

XYZ(38.1008, 39.9049, 25.9445)

Have a look what the booklet for
XYZ(38.1008, 39.9049, 25.9445)
contains.

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Color

**XYZ(38.1486, 40.0029,
26.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA880
RGB	186, 168, 128
RGB Percent	73%, 66%, 50%
CMY	0.2706, 0.3412, 0.4980
CMYK	0.00, 0.10, 0.31, 0.27
HSL	41°, 30%, 62%
HSV	41°, 31%, 73%
XYZ	38.1486, 40.0029, 26.1328
YIQ	168.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

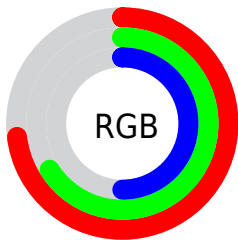
Format	Color
RYB	154, 186, 128
Decimal	12232832
CIELab	69.47, 0.41, 23.07
CIELCh	69, 23.078, 88.982
Yxy	40.0029, 0.3658, 0.3836
Android (android.graphics.Color)	4290422912 (0xFFBAA880)
YUV	168.8220, -20.1252, 15.0651
Hunter-Lab	63.2478, -3.0196, 19.7760

Details

The XYZ color **38.1486, 40.0029, 26.1328** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0436, 28.6913, 50.5143**, and the grayscale version is **37.7131, 39.6771, 43.2084**.

A 20% lighter version of the original color is **71.6903, 75.1662, 54.4461**, and **17.1363, 17.9464, 9.7685** is the 20% darker color. If you saturate the color by 10%, you get **35.9933, 37.4750, 19.9180**, and if you desaturate by 10%, it is **40.5777, 42.7188, 33.5470**.

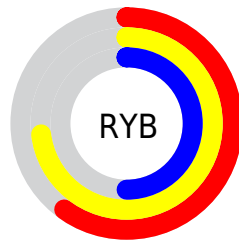
Distribution



Red (73%)

Green (66%)

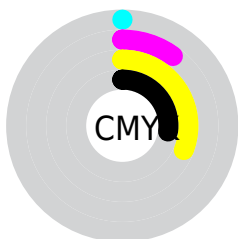
Blue (50%)



Red (60%)

Yellow (73%)

Blue (50%)

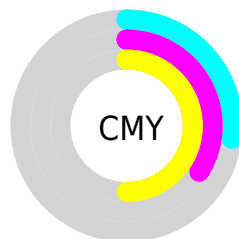


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1486, 40.0029, 26.1328 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 38.1486, 40.0029, 26.1328 by changing the saturation by 10% instead.


 38.1486, 40.0029,
26.1328


 38.1486, 40.0029,
26.1328


329.5268,
346.1358, 297.0596


 26.2758, 27.5408,
16.6964


 71.6383, 75.1679,
54.4758

 17.1638, 17.9798,
9.8586


 93.9858, 98.6397,
74.2195

 10.4474, 10.9355,
5.2009


 120.5557,
126.5500, 98.2360

 5.7611, 6.0235,
2.3048

151.7132,
159.2835, 126.9438

 2.7396, 2.8594,
0.7339

187.8237,
197.2244, 160.7615

 1.0176, 1.0588,
0.0000

229.2526,

 0.0000, 0.0000,

240.7572, 200.1077

0.0000

276.3652,
290.2662, 245.4009

■ 38.1486, 40.0029,
26.1328

■ 38.1486, 40.0029,
26.1328

■ 35.9933, 37.4750,
19.9180

■ 40.5777, 42.7188,
33.5470

■ 34.0958, 35.1236,
14.8352

■ 43.2895, 45.6229,
42.2181

■ 32.4431, 32.9438,
10.8143


■ 46.2962, 48.7226,
52.2028


■ 31.0195, 30.9283,
7.7760


■ 49.6082, 52.0228,
63.5536


■ 29.8074, 29.0691,
5.6301


■ 53.2355, 55.5286,
76.3200


 28.7857, 27.3567,
4.2693

 57.1876, 59.2445,
90.5494

 28.0067, 25.9532,
3.5334

 60.9537, 62.9671,
103.5490

 62.3901, 65.8398,
104.0278

 63.8782, 68.8161,
104.5238

Harmonies

Analogous

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



41.8236, 40.0029, 28.2676



38.1486, 40.0029, 26.1328



34.6635, 40.0029, 27.9961

Triad

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



38.1486, 40.0029, 26.1328



32.1074, 40.0029, 54.2430



44.4796, 40.0029, 54.9749

Complementary

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



38.1486, 40.0029, 26.1328



28.0436, 28.6913, 50.5143

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.



41.5898, 40.0029, 64.0211



38.1486, 40.0029, 26.1328



34.4572, 40.0029, 63.5524

Square

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



38.1486, 40.0029, 26.1328



31.3156, 40.0029, 43.1939



37.8948, 40.0029, 67.3871



45.6224, 40.0029, 43.9208

Rectangle

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



38.1486, 40.0029, 26.1328



32.8813, 40.0029, 31.4595



37.8948, 40.0029, 67.3871



43.6714, 40.0029, 58.4137

Sweetspot

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



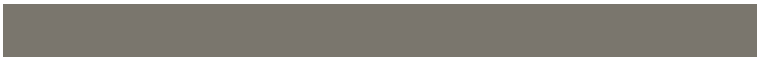
38.1496, 40.0047, 26.1336



79.5289, 83.8075, 80.0061



33.1861, 27.9647, 30.9930



17.3443, 18.2789, 17.0640



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.1496, 40.0047, 26.1336



66.5801, 69.5249, 39.8821



39.2170, 45.8328, 27.2023



9.5087, 10.0204, 9.5399



18.9111, 17.5986, 2.4001



0.7190, 0.7252, 0.1021

Inverse Universe

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



28.0436, 28.6913, 50.5143



45.5371, 45.9765, 90.6757



27.1689, 24.4415, 49.7401



8.7424, 9.1620, 11.3871



7.0304, 4.5205, 31.7551



0.3047, 0.2730, 1.1384

Previews

White Background



This preview shows how the XYZ color 38.1486, 40.0029, 26.1328 looks on a white background.

Color Contrast Check

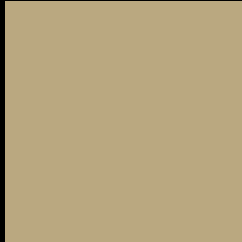
Large Text (above 18pt) WCAG AA × Fail

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 38.1486, 40.0029, 26.1328 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 38.1486, 40.0029, 26.1328

Background



This preview shows how black text looks on a background with the XYZ color 38.1486, 40.0029, 26.1328.



This preview shows how white text looks on a background with the XYZ color 38.1486, 40.0029,

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

38.1486, 40.0029, 26.1328

Protanopia

37.6286, 40.2795, 26.5604

Deuteranopia

40.8791, 40.0587, 26.3464



Tritanopia

42.0462, 39.9730, 45.5439

Trichromacy



Original Color

38.1486, 40.0029, 26.1328

Protanomaly

37.6789, 40.0282, 26.5092

Deuteranomaly

39.9233, 40.0973, 26.4043

Tritanomaly

40.3475, 39.8041, 37.4547

Monochromacy



Original Color

38.1486, 40.0029, 26.1328

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.6999, 39.8230, 36.2715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1486, 40.0029, 26.1328 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(186, 168, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 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(186, 168, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 128) }
```

Border

The CSS property to change the border of an element to XYZ 38.1486, 40.0029, 26.1328 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(186, 168, 128) }
```


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

```
.border{ border-color:rgb(186, 168, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 128);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1486, 40.0029, 26.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 128) }
```

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

```
.background{ background-color: rgb(186,  
168, 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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