

Converting Colors

XYZ(37.6572, 39.9298, 25.9734)

Have a look what the booklet for
XYZ(37.6572, 39.9298, 25.9734)
contains.

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Color

**XYZ(37.8514, 40.1248,
26.1720)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B8A980 |
| RGB | 184, 169, 128 |
| RGB Percent | 72%, 66%, 50% |
| CMY | 0.2784, 0.3372, 0.4980 |
| CMYK | 0.00, 0.08, 0.30, 0.28 |
| HSL | 44°, 28%, 61% |
| HSV | 44°, 30%, 72% |
| XYZ | 37.8514, 40.1248, 26.1720 |
| YIQ | 168.8110, 22.1010, -9.5710 |

Conversions

Conversions Part 2

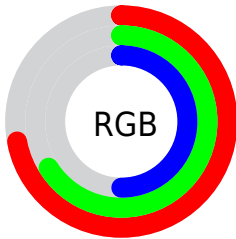
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 148, 184, 128 |
| Decimal | 12102016 |
| CIELab | 69.56, -0.92, 23.16 |
| CIELCh | 70, 23.180, 92.285 |
| Yxy | 40.1248, 0.3634, 0.3853 |
| Android (android.graphics.Color) | 4290292096 (0xFFB8A980) |
| YUV | 168.8110, -20.1198, 13.3208 |
| Hunter-Lab | 63.3441, -4.1893, 19.8440 |

Details

The XYZ color **37.8514, 40.1248, 26.1720** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3761, 27.6940, 49.2500**, and the grayscale version is **37.7081, 39.6719, 43.2027**.

A 20% lighter version of the original color is **71.2718, 75.3483, 54.5033**, and **16.9424, 18.0185, 9.7927** is the 20% darker color. If you saturate the color by 10%, you get **35.8494, 37.8862, 20.0617**, and if you desaturate by 10%, it is **40.1097, 42.5240, 33.4522**.

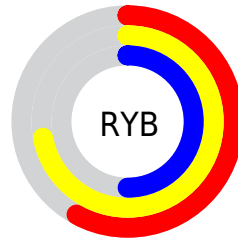
Distribution



Red (72%)

Green (66%)

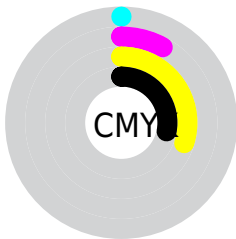
Blue (50%)



Red (58%)

Yellow (72%)

Blue (50%)

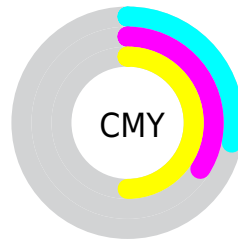


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8514, 40.1248, 26.1720 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 37.8514, 40.1248, 26.1720 by changing the saturation by 10% instead.


 37.8514, 40.1248,
26.1720


 37.8514, 40.1248,
26.1720


328.2740,
346.6493, 297.2577


 26.0441, 27.6359,
16.7254


 71.1857, 75.3535,
54.5398

 16.9895, 18.0513,
9.8790


 93.4433, 98.8621,
74.2981

 10.3222, 10.9869,
5.2143


 119.9152,
126.8127, 98.3307

 5.6770, 6.0580,
2.3126

150.9665,
159.5896, 127.0562

 2.6885, 2.8804,
0.7383

186.9627,
197.5774, 160.8931

 0.9913, 1.0696,
0.0000

228.2691,

 0.0000, 0.0000,

241.1603, 200.2600

0.0000

275.2511,
290.7228, 245.5753

■ 37.8514, 40.1248,
26.1720

■ 37.8514, 40.1248,
26.1720

■ 35.8494, 37.8862,
20.0617

■ 40.1097, 42.5240,
33.4522

■ 34.0882, 35.7972,
15.0561

■ 42.6325, 45.0835,
41.9578

■ 32.5557, 33.8538,
11.0875

■ 45.4316, 47.8099,
51.7436

■ 31.2369, 32.0492,
8.0794

■ 48.5167, 50.7078,
62.8607

■ 30.1149, 30.3762,
5.9452

■ 51.8976, 53.7815,
75.3569

■ 29.1699, 28.8262,
4.5819

■ 55.5830, 57.0352,
89.2781

■ 28.3933, 27.4426,
3.8005

■ 59.2902, 60.3564,
103.1328

■ 60.4761, 62.7282,
103.5281

■ 61.6994, 65.1747,
103.9358

Harmonies

Analogous

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



41.5806, 40.1248, 27.8751



37.8514, 40.1248, 26.1720



34.4238, 40.1248, 28.4882

Triad

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



37.8514, 40.1248, 26.1720



32.3752, 40.1248, 55.6390



44.8646, 40.1248, 53.9845

Complementary

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



37.8514, 40.1248, 26.1720



27.3761, 27.6940, 49.2500

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.



42.1090, 40.1248, 63.5160



37.8514, 40.1248, 26.1720



34.8897, 40.1248, 64.5757

Square

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



37.8514, 40.1248, 26.1720



31.3936, 40.1248, 44.5154



38.4249, 40.1248, 67.6685



45.7838, 40.1248, 42.8730

Rectangle

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



37.8514, 40.1248, 26.1720



32.7268, 40.1248, 32.2624



38.4249, 40.1248, 67.6685



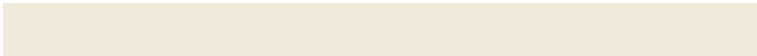
44.1138, 40.1248, 57.5379

Sweetspot

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



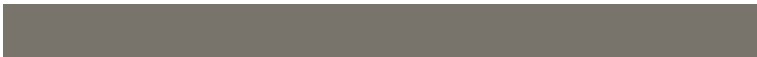
37.8524, 40.1266, 26.1728



77.9059, 82.3433, 78.2046



32.5105, 27.6387, 29.9540



16.6436, 17.6015, 16.3383



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.8524, 40.1266, 26.1728



65.9635, 69.7941, 39.2778



38.0210, 44.5952, 27.0265



9.5413, 10.0855, 9.5507



19.6291, 19.0345, 2.6395



0.7400, 0.7671, 0.1091

Inverse Universe

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



27.3761, 27.6940, 49.2500



43.7315, 43.4205, 88.2807



27.2091, 24.4866, 48.6397



8.7115, 9.1003, 11.3768



6.7784, 4.0165, 31.6711



0.2917, 0.2471, 1.1341

Previews

White Background



This preview shows how the XYZ color 37.8514, 40.1248, 26.1720 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 37.8514, 40.1248, 26.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

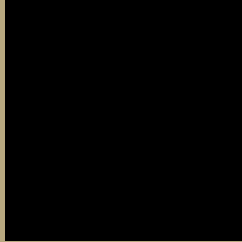
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8514, 40.1248, 26.1720

Background



This preview shows how black text looks on a background with the XYZ color 37.8514, 40.1248, 26.1720.



This preview shows how white text looks on a background with the XYZ color 37.8514, 40.1248,

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

37.8514, 40.1248, 26.1720

Protanopia

37.5624, 40.2530, 26.2119

Deuteranopia

40.8791, 40.0587, 26.3464



Tritanopia

42.0703, 40.2367, 46.1066

Trichromacy



Original Color

37.8514, 40.1248, 26.1720

Protanomaly

37.7994, 40.3752, 26.2230

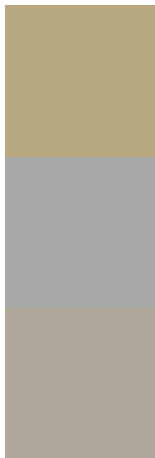
Deuteranomaly

39.6657, 39.9646, 26.3922

Tritanomaly

40.3657, 40.0703, 37.9546

Monochromacy



Original Color

37.8514, 40.1248, 26.1720

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4763, 39.7077, 36.2610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8514, 40.1248, 26.1720 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(184, 169, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 169, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 128) }
```

Border

The CSS property to change the border of an element to XYZ 37.8514, 40.1248, 26.1720 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(184, 169, 128) }
```


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

```
.border{ border-color:rgb(184, 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(184, 169, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8514, 40.1248, 26.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 128) }
```

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

```
.background{ background-color: rgb(184,  
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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