

Converting Colors

XYZ(37.9501, 40.7494, 31.1089)

Have a look what the booklet for
XYZ(37.9501, 40.7494, 31.1089)
contains.

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Color

**XYZ(37.9610, 40.6326,
31.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AB8D
RGB	179, 171, 141
RGB Percent	70%, 67%, 55%
CMY	0.2980, 0.3294, 0.4471
CMYK	0.00, 0.04, 0.21, 0.30
HSL	47°, 20%, 63%
HSV	47°, 21%, 70%
XYZ	37.9610, 40.6326, 31.0414
YIQ	169.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

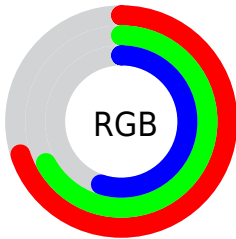
Format	Color
RYB	151, 179, 141
Decimal	11774861
CIELab	69.92, -2.12, 16.50
CIElCh	70, 16.639, 97.316
Yxy	40.6326, 0.3462, 0.3706
Android (android.graphics.Color)	4289964941 (0xFFB3AB8D)
YUV	169.9720, -14.2832, 7.9176
Hunter-Lab	63.7437, -5.2502, 15.7480

Details

The XYZ color **37.9610, 40.6326, 31.0414** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.8684, 30.4115, 46.9438**, and the grayscale version is **38.2593, 40.2518, 43.8342**.

A 20% lighter version of the original color is **71.3076, 75.9950, 62.5399**, and **17.0893, 18.3846, 12.5454** is the 20% darker color. If you saturate the color by 10%, you get **36.0343, 38.7411, 24.3507**, and if you desaturate by 10%, it is **40.1254, 42.6544, 38.8744**.

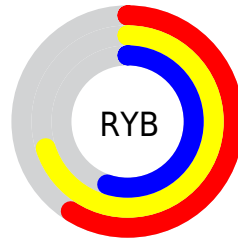
Distribution



Red (70%)

Green (67%)

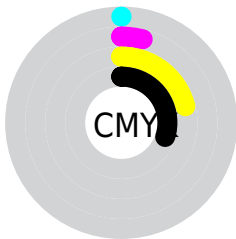
Blue (55%)



Red (59%)

Yellow (70%)

Blue (55%)

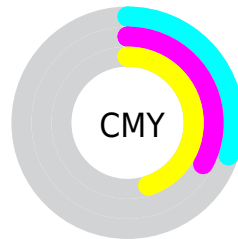


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9610, 40.6326, 31.0414 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 37.9610, 40.6326, 31.0414 by changing the saturation by 10% instead.

■ 37.9610, 40.6326,
31.0414

■ 37.9610, 40.6326,
31.0414

328.7364,
348.7827, 321.0861

■ 26.1295, 28.0321,
20.3716

■ 71.3526, 76.1259,
62.3856

■ 17.0537, 18.3499,
12.4787

■ 93.6435, 99.7874,
83.8971

■ 10.3684, 11.2015,
6.9441

■ 120.1515,
127.9048, 109.8596

■ 5.7080, 6.2025,
3.3493

151.2420,
160.8624, 140.6917

■ 2.7073, 2.9686,
1.2756

187.2804,
199.0446, 176.8118

■ 1.0009, 1.1154,
0.0417

228.6320,

■ 0.0000, 0.0000,

242.8358, 218.6386

0.0000

275.6622,
292.6204, 266.5905

■ 37.9610, 40.6326,
31.0414

■ 37.9610, 40.6326,
31.0414

■ 36.0343, 38.7411,
24.3507

■ 40.1254, 42.6544,
38.8744

■ 34.3317, 36.9700,
18.7454

■ 42.5341, 44.8053,
47.8978

■ 32.8428, 35.3162,
14.1672

■ 45.1974, 47.0910,
58.1603

■ 31.5553, 33.7747,
10.5518

■ 48.1240, 49.5152,
69.7069

■ 30.4553, 32.3395,
7.8272

■ 51.3222, 52.0815,
82.5805

■ 29.5271, 31.0042,
5.9115

■ 54.7998, 54.7934,
96.8219

■ 28.7521, 29.7609,
4.7076

■ 56.6909, 56.9046,
102.6035

■ 28.1648, 28.7325,
4.0615

■ 57.5590, 58.6408,
102.8929

■ 58.4487, 60.4201,
103.1894

Harmonies

Analogous

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



40.6626, 40.6326, 31.8633



37.9610, 40.6326, 31.0414



35.5496, 40.6326, 33.4131

Triad

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



37.9610, 40.6326, 31.0414



34.6263, 40.6326, 53.9087



43.6247, 40.6326, 50.2440

Complementary

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



37.9610, 40.6326, 31.0414



29.8684, 30.4115, 46.9438

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.



41.8624, 40.6326, 57.1892



37.9610, 40.6326, 31.0414



36.6471, 40.6326, 59.4716

Square

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



37.9610, 40.6326, 31.0414



33.6836, 40.6326, 46.1676



39.2867, 40.6326, 60.7373



44.0167, 40.6326, 42.3707

Rectangle

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



37.9610, 40.6326, 31.0414



34.4024, 40.6326, 36.6699



39.2867, 40.6326, 60.7373



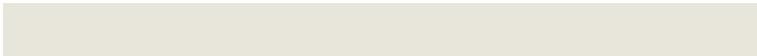
43.1691, 40.6326, 52.7907

Sweetspot

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



37.9621, 40.6344, 31.0423



74.0191, 78.3380, 77.6364



33.5591, 30.8113, 32.7104



16.3378, 17.3012, 16.9715



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.9621, 40.6344, 31.0423



66.4906, 71.3257, 50.3264



37.1263, 42.5140, 31.4491



9.0423, 9.5970, 9.0284



19.9507, 20.3999, 2.8861



0.6659, 0.7181, 0.1035

Inverse Universe

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



29.8684, 30.4115, 46.9438



49.6470, 50.0529, 83.4257



30.5673, 28.9579, 46.6263



8.1821, 8.5104, 10.7178



6.2715, 3.3434, 30.4518



0.2392, 0.1888, 0.9721

Previews

White Background



This preview shows how the XYZ color 37.9610, 40.6326, 31.0414 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 37.9610, 40.6326, 31.0414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

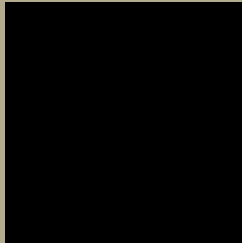
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9610, 40.6326, 31.0414

Background



This preview shows how black text looks on a background with the XYZ color 37.9610, 40.6326, 31.0414.



This preview shows how white text looks on a background with the XYZ color 37.9610, 40.6326,

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

37.9610, 40.6326, 31.0414

Protanopia

38.2385, 40.4963, 31.0005

Deuteranopia

41.1839, 40.3742, 31.2136



Tritanopia

41.5401, 40.7175, 48.3177

Trichromacy



Original Color

37.9610, 40.6326, 31.0414

Protanomaly

38.0048, 40.3758, 30.9895

Deuteranomaly

39.9364, 40.5376, 31.3108

Tritanomaly

40.0856, 40.6670, 41.3341

Monochromacy



Original Color

37.9610, 40.6326, 31.0414

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8663, 40.1369, 38.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9610, 40.6326, 31.0414 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(179, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 141)  
}
```

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(179, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.9610, 40.6326, 31.0414 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(179, 171, 141) }
```


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

```
.border{ border-color:rgb(179, 171, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9610, 40.6326, 31.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 141) }
```

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

```
.background{ background-color: rgb(179,  
171, 141) }
```

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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