

Converting Colors

XYZ(37.4497, 40.4819, 25.9186)

Have a look what the booklet for
XYZ(37.4497, 40.4819, 25.9186)
contains.

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Color

**XYZ(37.4497, 40.4819,
25.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AB7F
RGB	181, 171, 127
RGB Percent	71%, 67%, 50%
CMY	0.2902, 0.3294, 0.5020
CMYK	0.00, 0.06, 0.30, 0.29
HSL	49°, 27%, 60%
HSV	49°, 30%, 71%
XYZ	37.4497, 40.4819, 25.9186
YIQ	168.9740, 20.0840, -11.5640

Conversions

Conversions Part 2

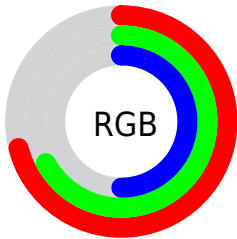
Format	Color
RYB	139, 181, 127
Decimal	11905919
CIELab	69.81, -3.32, 24.00
CIELCh	70, 24.229, 97.878
Yxy	40.4819, 0.3606, 0.3898
Android (android.graphics.Color)	4290095999 (0xFFB5AB7F)
YUV	168.9740, -20.6932, 10.5468
Hunter-Lab	63.6254, -6.2799, 20.3852

Details

The XYZ color **37.4497, 40.4819, 25.9186** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0383, 25.7387, 47.3118**, and the grayscale version is **37.7922, 39.7604, 43.2990**.

A 20% lighter version of the original color is **70.3596, 75.6925, 54.0818**, and **16.6888, 18.2415, 9.6625** is the 20% darker color. If you saturate the color by 10%, you get **35.7500, 38.8036, 20.0458**, and if you desaturate by 10%, it is **39.3795, 42.2807, 32.9146**.

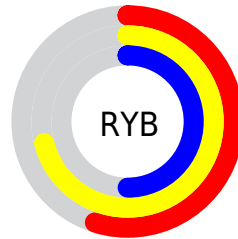
Distribution



Red (71%)

Green (67%)

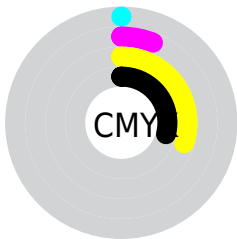
Blue (50%)



Red (55%)

Yellow (71%)

Blue (50%)

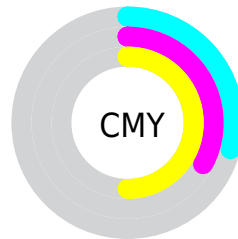


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4497, 40.4819, 25.9186 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 37.4497, 40.4819, 25.9186 by changing the saturation by 10% instead.

■ 37.4497, 40.4819,
25.9186

■ 37.4497, 40.4819,
25.9186

326.5752,
348.1505, 295.9750

■ 25.7311, 27.9145,
16.5375

■ 70.5732, 75.8968,
54.1261

■ 16.7542, 18.2612,
9.7469

■ 92.7089, 99.5130,
73.7896

■ 10.1536, 11.1377,
5.1280

■ 119.0477,
127.5810, 97.7176

■ 5.5640, 6.1595,
2.2625

149.9549,
160.4851, 126.3287

■ 2.6199, 2.9423,
0.7101

185.7959,
198.6097, 160.0415

■ 0.9561, 1.1017,
0.0000

226.9360,

■ 0.0000, 0.0000,

242.3392, 199.2744

0.0000

273.7407,
292.0580, 244.4461

■ 37.4497, 40.4819,
25.9186

■ 37.4497, 40.4819,
25.9186

■ 35.7500, 38.8036,
20.0458

■ 39.3795, 42.2807,
32.9146

■ 34.2658, 37.2356,
15.2339

■ 41.5468, 44.1990,
41.0866

■ 32.9856, 35.7744,
11.4182

■ 43.9627, 46.2428,
50.4871

■ 31.8955, 34.4144,
8.5261

■ 46.6365, 48.4159,
61.1647

■ 30.9796, 33.1491,
6.4751

■ 49.5770, 50.7221,
73.1655

■ 30.2195, 31.9707,
5.1679

■ 52.7926, 53.1650,
86.5330

■ 29.5775, 30.8641,
4.4071

■ 56.2914, 55.7478,
101.3090

■ 29.5672, 30.8460,
4.3955

■ 57.2562, 57.3440,
102.6585

■ 58.0295, 58.8907,
102.9163

Harmonies

Analogous

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



41.3951, 40.4819, 26.9063



37.4497, 40.4819, 25.9186



34.0185, 40.4819, 29.0993

Triad

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



37.4497, 40.4819, 25.9186



32.8118, 40.4819, 58.7556



45.9153, 40.4819, 52.7461

Complementary

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



37.4497, 40.4819, 25.9186



26.0383, 25.7387, 47.3118

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.



43.3086, 40.4819, 63.4755



37.4497, 40.4819, 25.9186



35.6990, 40.4819, 67.3364

Square

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



37.4497, 40.4819, 25.9186



31.4623, 40.4819, 47.1132



39.5226, 40.4819, 69.1967



46.4634, 40.4819, 41.1758

Rectangle

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



37.4497, 40.4819, 25.9186



32.4216, 40.4819, 33.5369



39.5226, 40.4819, 69.1967



45.2426, 40.4819, 56.6243

Sweetspot

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



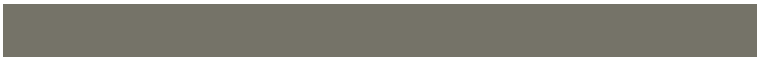
37.4507, 40.4837, 25.9194



74.6908, 79.4024, 74.6643



31.2187, 26.8321, 27.5031



16.0161, 17.0516, 15.6498



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.



37.4507, 40.4837, 25.9194



64.9686, 70.4467, 39.0883



35.8303, 42.5580, 26.4052



9.0607, 9.6339, 9.0345



20.4300, 21.3585, 3.0458



0.6775, 0.7414, 0.1074

Inverse Universe

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



26.0383, 25.7387, 47.3118



41.1375, 39.6642, 83.7824



27.2926, 24.3729, 46.9820



8.1650, 8.4763, 10.7121



6.1727, 3.1457, 30.4188



0.2321, 0.1748, 0.9697

Previews

White Background



This preview shows how the XYZ color 37.4497, 40.4819, 25.9186 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 37.4497, 40.4819, 25.9186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

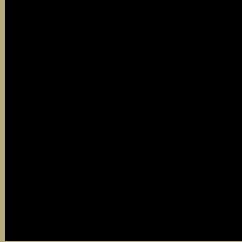
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4497, 40.4819, 25.9186

Background



This preview shows how black text looks on a background with the XYZ color 37.4497, 40.4819, 25.9186.



This preview shows how white text looks on a background with the XYZ color 37.4497, 40.4819,

25.9186.

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

37.4497, 40.4819, 25.9186

Protanopia

37.7339, 40.3490, 25.8780

Deuteranopia

41.3253, 40.5534, 26.4184



Tritanopia

41.7048, 40.2900, 47.1736

Trichromacy



Original Color

37.4497, 40.4819, 25.9186

Protanomaly

37.4969, 40.2268, 25.8669

Deuteranomaly

39.9631, 40.6653, 26.1650

Tritanomaly

40.0843, 40.4549, 38.4968

Monochromacy



Original Color

37.4497, 40.4819, 25.9186

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4410, 39.9668, 36.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4497, 40.4819, 25.9186 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(181, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 127)  
}
```

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(181, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 127) }
```

Border

The CSS property to change the border of an element to XYZ 37.4497, 40.4819, 25.9186 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(181, 171, 127) }
```


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

```
.border{ border-color:rgb(181, 171, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 171, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4497, 40.4819, 25.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 127) }
```

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

```
.background{ background-color: rgb(181,  
171, 127) }
```

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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