

Converting Colors

XYZ(41.3490, 31.9770, 14.5353)

Have a look what the booklet for
XYZ(41.3490, 31.9770, 14.5353)
contains.

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Color

**XYZ(41.3489, 31.9694,
14.5811)**

Conversions

Conversions Part 1

Format	Color
Hex	E47D5E
RGB	228, 125, 94
RGB Percent	89%, 49%, 37%
CMY	0.1059, 0.5098, 0.6314
CMYK	0.00, 0.45, 0.59, 0.11
HSL	14°, 71%, 63%
HSV	14°, 59%, 89%
XYZ	41.3489, 31.9694, 14.5811
YIQ	152.2630, 71.3390, 12.1950

Conversions

Conversions Part 2

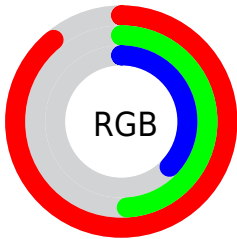
Format	Color
RYB	228, 134, 94
Decimal	14974302
CIELab	63.32, 36.97, 34.43
CIElCh	63, 50.523, 42.961
Yxy	31.9694, 0.4704, 0.3637
Android (android.graphics.Color)	4293164382 (0xFFE47D5E)
YUV	152.2630, -28.7237, 66.4213
Hunter-Lab	56.5415, 31.5898, 24.2891

Details

The XYZ color **41.3489, 31.9694, 14.5811** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **38.5846, 47.9108, 80.6124**, and the grayscale version is **30.0582, 31.6236, 34.4381**.

A 20% lighter version of the original color is **62.4709, 55.5445, 34.2167**, and **19.1103, 13.4276, 4.2739** is the 20% darker color. If you saturate the color by 10%, you get **38.4467, 27.5677, 9.2899**, and if you desaturate by 10%, it is **44.9462, 37.2781, 21.5949**.

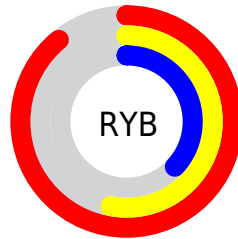
Distribution



Red (89%)

Green (49%)

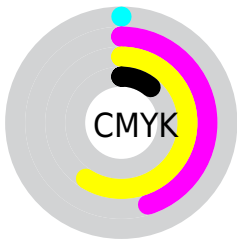
Blue (37%)



Red (89%)

Yellow (53%)

Blue (37%)

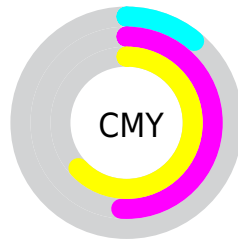


Cyan (0%)

Magenta (45%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3489, 31.9694, 14.5811 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 41.3489, 31.9694, 14.5811 by changing the saturation by 10% instead.


 41.3489, 31.9694,
14.5811


 41.3489, 31.9694,
14.5811

342.8145,
310.9798, 232.3693

 28.7807, 21.3381,
8.3826

 76.4846, 62.7631,
34.8485

 19.0584, 13.3714,
4.2495


 99.7828, 83.6943,
49.7544

 11.8168, 7.6848,
1.7632


 127.3884,
108.8277, 68.3998

 6.6903, 3.8939,
0.4035

 159.6667,
138.5475, 91.2034

 3.3138, 1.6144,
0.0000

196.9832,
173.2383, 118.5836

 1.3218, 0.3673,
0.0000

239.7030,

 0.1994, 0.0000,

213.2843, 150.9589

0.0000

288.1917,
259.0700, 188.7480

■ 0.0000, 0.0000,
0.0000

■ 41.3489, 31.9694,
14.5811

■ 41.3489, 31.9694,
14.5811

■ 38.4467, 27.5677,
9.2899

■ 44.9462, 37.2781,
21.5949

■ 36.1892, 24.0159,
5.5681

■ 49.2794, 43.5365,
30.4632

■ 34.5223, 21.2578,
3.2377

■ 54.3890, 50.7907,
41.3067

■ 33.3720, 19.2238,
2.0321

■ 60.3114, 59.0821,
54.2356

■ 33.2567, 19.0179,
1.9180

■ 67.0809, 68.4498,
69.3518

■ 74.7298, 78.9309,
86.7506

■ 83.2885, 90.5605,
106.5214

■ 85.8047, 95.2339,
108.4673

Harmonies

Analogous

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



45.4951, 31.9694, 26.8534



41.3489, 31.9694, 14.5811



34.5067, 31.9694, 9.4178

Triad

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



41.3489, 31.9694, 14.5811



19.2403, 31.9694, 24.6840



33.5086, 31.9694, 87.5671

Complementary

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



41.3489, 31.9694, 14.5811



38.5846, 47.9108, 80.6124

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.



26.6071, 31.9694, 86.2593



41.3489, 31.9694, 14.5811



19.0579, 31.9694, 44.1991

Square

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



41.3489, 31.9694, 14.5811



22.0990, 31.9694, 13.5211



21.5553, 31.9694, 68.2769



40.5221, 31.9694, 71.3642

Rectangle

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



41.3489, 31.9694, 14.5811



29.6954, 31.9694, 8.7475



21.5553, 31.9694, 68.2769



31.0871, 31.9694, 89.3012

Sweetspot

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



41.3497, 31.9711, 14.5817



78.2810, 76.9083, 71.1055



46.3025, 28.6215, 57.0965



16.2487, 15.7558, 14.1023



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.3497, 31.9711, 14.5817



48.7016, 34.2083, 10.5057



52.4358, 54.1434, 18.2771



14.6463, 14.9064, 15.0097



19.2785, 11.1311, 1.1324



1.4943, 0.9619, 0.1069

Inverse Universe

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



38.5846, 47.9108, 80.6124



44.6914, 56.3162, 103.1224



26.8666, 24.4749, 76.7064



14.5099, 15.7412, 18.4179



17.0599, 21.1819, 45.5725



1.3296, 1.7032, 3.3906

Previews

White Background



This preview shows how the XYZ color 41.3489, 31.9694, 14.5811 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 41.3489, 31.9694, 14.5811 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 41.3489, 31.9694, 14.5811

Background



This preview shows how black text looks on a background with the XYZ color 41.3489, 31.9694, 14.5811.



This preview shows how white text looks on a background with the XYZ color 41.3489, 31.9694,

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

41.3489, 31.9694, 14.5811

Protanopia

29.8313, 32.2381, 18.0149

Deuteranopia

32.7727, 32.1704, 14.1551



Tritanopia

43.3120, 31.8409, 24.6320

Trichromacy



Original Color

41.3489, 31.9694, 14.5811

Protanomaly

33.1577, 31.4033, 16.6258

Deuteranomaly

35.4781, 31.7771, 14.1612

Tritanomaly

42.4250, 31.8380, 20.4323

Monochromacy



Original Color

41.3489, 31.9694, 14.5811

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.5921, 30.6880, 25.6783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3489, 31.9694, 14.5811 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(228, 125, 94)` looks like.

```
.text, #text, p{  
    color:rgb(228, 125, 94)  
}
```

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(228, 125, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 125, 94) }
```

Border

The CSS property to change the border of an element to XYZ 41.3489, 31.9694, 14.5811 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(228, 125, 94) }
```


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

```
.border{ border-color:rgb(228, 125, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 125, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 125, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 125, 94);  
box-shadow:4px 4px 4px 4px rgb(228, 125,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3489, 31.9694, 14.5811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 125, 94) }
```

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

```
.background{ background-color: rgb(228,  
125, 94) }
```

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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