

Converting Colors

XYZ(47.1316, 40.2165, 26.5295)

Have a look what the booklet for
XYZ(47.1316, 40.2165, 26.5295)
contains.

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Color

**XYZ(47.0908, 40.2389,
26.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	E49782
RGB	228, 151, 130
RGB Percent	89%, 59%, 51%
CMY	0.1059, 0.4078, 0.4902
CMYK	0.00, 0.34, 0.43, 0.11
HSL	13°, 64%, 70%
HSV	13°, 43%, 89%
XYZ	47.0908, 40.2389, 26.4040
YIQ	171.6290, 52.6330, 9.7930

Conversions

Conversions Part 2

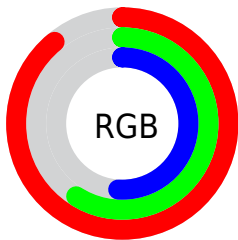
Format	Color
R _Y B	228, 157, 130
Decimal	14980994
CIE Lab	69.64, 26.51, 22.93
CIE LCh	70, 35.052, 40.868
Yxy	40.2389, 0.4140, 0.3538
Android (android.graphics.Color)	4293171074 (0xFFE49782)
YUV	171.6290, -20.5231, 49.4374
Hunter-Lab	63.4341, 21.5010, 19.7249

Details

The XYZ color **47.0908, 40.2389, 26.4040** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.5213, 54.9706, 81.6099**, and the grayscale version is **39.1079, 41.1445, 44.8064**.

A 20% lighter version of the original color is **71.8586, 68.8215, 54.2963**, and **22.5246, 18.0638, 10.0841** is the 20% darker color. If you saturate the color by 10%, you get **43.0596, 34.3603, 18.3282**, and if you desaturate by 10%, it is **51.9012, 47.1332, 36.4131**.

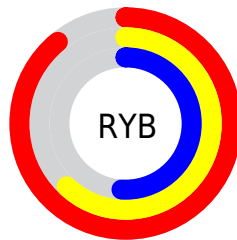
Distribution



Red (89%)

Green (59%)

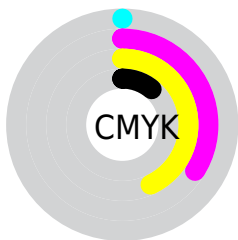
Blue (51%)



Red (89%)

Yellow (62%)

Blue (51%)

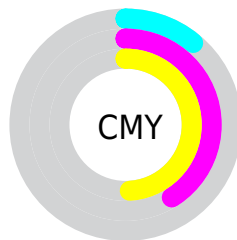


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (41%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0908, 40.2389, 26.4040 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 47.0908, 40.2389, 26.4040 by changing the saturation by 10% instead.


 47.0908, 40.2389,
26.4040


 47.0908, 40.2389,
26.4040


365.8197,
347.1295, 298.4280

 33.3157, 27.7249,
16.8976


 85.0671, 75.5272,
54.9180

 22.5288, 18.1184,
10.0004


 109.9989, 99.0702,
74.7628

 14.3647, 11.0350,
5.2936


 139.3804,
127.0583, 98.8908

 8.4582, 6.0904,
2.3588

173.5769,
159.8759, 127.7206

 4.4438, 2.9001,
0.7639

212.9537,
197.9075, 161.6706

 1.9561, 1.0798,
0.0000

257.8762,

 0.6091, 0.0000,

241.5373, 201.1595

0.0000

308.7097,
291.1499, 246.6058

■ 0.0000, 0.0000,
0.0000

■ 47.0908, 40.2389,
26.4040

■ 47.0908, 40.2389,
26.4040

■ 43.0596, 34.3603,
18.3282

■ 51.9012, 47.1332,
36.4131

■ 39.7622, 29.4429,
12.0575

■ 57.5267, 55.0823,
48.4677

■ 37.1529, 25.4362,
7.4518

■ 64.0047, 64.1306,
62.6741

■ 35.1794, 22.2823,
4.3490

■ 71.3694, 74.3182,
79.1305

■ 33.7808, 19.9161,
2.5540

■ 79.6528, 85.6829,
97.9292

■ 33.0877, 18.6797,
1.8616

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



49.9744, 40.2389, 38.1897



47.0908, 40.2389, 26.4040



41.9290, 40.2389, 20.4514

Triad

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



47.0908, 40.2389, 26.4040



28.8484, 40.2389, 34.3616



40.3370, 40.2389, 82.1556

Complementary

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



47.0908, 40.2389, 26.4040



45.5213, 54.9706, 81.6099

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.



34.7850, 40.2389, 80.3984



47.0908, 40.2389, 26.4040



28.5129, 40.2389, 49.9635

Square

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



47.0908, 40.2389, 26.4040



31.5508, 40.2389, 24.1996



30.5842, 40.2389, 67.5651



45.8268, 40.2389, 71.8991

Rectangle

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



47.0908, 40.2389, 26.4040



38.0811, 40.2389, 19.4338



30.5842, 40.2389, 67.5651



38.4111, 40.2389, 83.0040

Sweetspot

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



47.0918, 40.2409, 26.4048



82.4117, 82.5398, 80.5901



51.4122, 37.0334, 64.3714



17.2223, 17.0864, 16.3278



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.



47.0918, 40.2409, 26.4048



55.8155, 44.7508, 24.2385



56.3558, 58.7689, 29.4928



14.6261, 14.8662, 15.0030



19.1765, 10.9271, 1.0984



1.4841, 0.9416, 0.1035

Inverse Universe

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



45.5213, 54.9706, 81.6099



53.4868, 66.0949, 104.5463



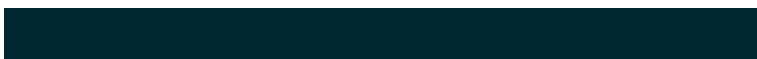
35.6769, 35.2817, 78.3284



14.5315, 15.7845, 18.4251



17.4995, 22.0611, 45.7191



1.3587, 1.7612, 3.4003

Previews

White Background



This preview shows how the XYZ color 47.0908, 40.2389, 26.4040 looks on a white background.

Color Contrast Check

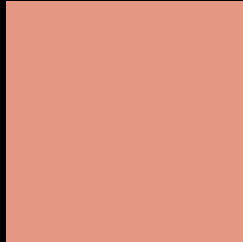
Large Text (above 18pt) WCAG AA × Fail

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 47.0908, 40.2389, 26.4040 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 47.0908, 40.2389, 26.4040

Background



This preview shows how black text looks on a background with the XYZ color 47.0908, 40.2389, 26.4040.



This preview shows how white text looks on a background with the XYZ color 47.0908, 40.2389,

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

47.0908, 40.2389, 26.4040

Protanopia

38.0910, 40.4373, 30.2237

Deuteranopia

41.0809, 40.1704, 26.0105



Tritanopia

49.2384, 40.1591, 37.5041

Trichromacy



Original Color

47.0908, 40.2389, 26.4040

Protanomaly

40.8298, 39.9777, 28.8571

Deuteranomaly

43.2246, 40.2301, 26.2559

Tritanomaly

48.2483, 39.9759, 33.1901

Monochromacy



Original Color

47.0908, 40.2389, 26.4040

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.0995, 40.1917, 37.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0908, 40.2389, 26.4040 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, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(228, 151, 130)  
}
```

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, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 151, 130) }
```

Border

The CSS property to change the border of an element to XYZ 47.0908, 40.2389, 26.4040 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, 151, 130) }
```


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

```
.border{ border-color:rgb(228, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(228, 151,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0908, 40.2389, 26.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 151, 130) }
```

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

```
.background{ background-color: rgb(228,  
151, 130) }
```

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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