

Converting Colors

XYZ(47.0014, 40.8450, 27.0223)

Have a look what the booklet for
XYZ(47.0014, 40.8450, 27.0223)
contains.

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Color

**XYZ(47.0164, 40.9186,
26.8928)**

Conversions

Conversions Part 1

Format	Color
Hex	E29A83
RGB	226, 154, 131
RGB Percent	89%, 60%, 51%
CMY	0.1137, 0.3961, 0.4863
CMYK	0.00, 0.32, 0.42, 0.11
HSL	15°, 62%, 70%
HSV	15°, 42%, 89%
XYZ	47.0164, 40.9186, 26.8928
YIQ	172.9060, 50.2950, 8.1110

Conversions

Conversions Part 2

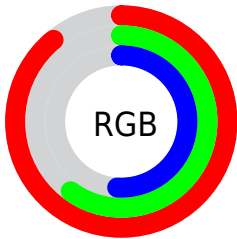
Format	Color
R _Y B	226, 161, 131
Decimal	14850691
CIE Lab	70.12, 24.23, 23.00
CIE LCh	70, 33.407, 43.502
Yxy	40.9186, 0.4095, 0.3563
Android (android.graphics.Color)	4293040771 (0xFFE29A83)
YUV	172.9060, -20.6597, 46.5634
Hunter-Lab	63.9676, 19.2546, 19.8511

Details

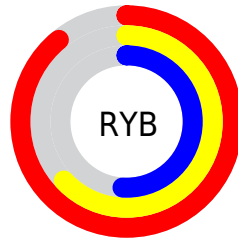
The XYZ color **47.0164, 40.9186, 26.8928** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.4427, 53.0263, 79.8443**, and the grayscale version is **39.7575, 41.8280, 45.5507**.

A 20% lighter version of the original color is **72.6922, 70.3216, 55.0895**, and **22.3850, 18.4217, 10.1605** is the 20% darker color. If you saturate the color by 10%, you get **43.0206, 35.1168, 18.8104**, and if you desaturate by 10%, it is **51.7517, 47.6647, 36.8707**.

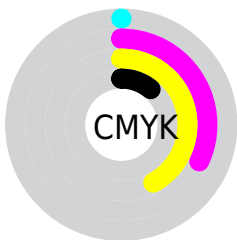
Distribution



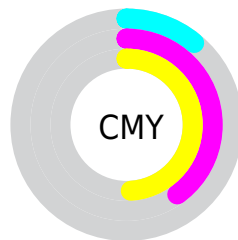
- Red (89%)
- Green (60%)
- Blue (51%)



- Red (89%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0164, 40.9186, 26.8928 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 47.0164, 40.9186, 26.8928 by changing the saturation by 10% instead.


 47.0164, 40.9186,
26.8928

 47.0164, 40.9186,
26.8928


365.5278,
349.9803, 300.8814

 33.2566, 28.2555,
17.2610

 84.9567, 76.5603,
55.7134

 22.4833, 18.5183,
10.2568


 109.8679,
100.3077, 75.7394

 14.3310, 11.3228,
5.4618

 139.2270,
128.5186, 100.0671

 8.4345, 6.2844,
2.4572

173.3993,
161.5775, 129.1151

 4.4283, 3.0188,
0.8174

212.7502,
199.8687, 163.3021

 1.9472, 1.1415,
0.0000

257.6450,

 0.6040, 0.0132,

243.7766, 203.0464

0.0000

308.4491,
293.6857, 248.7667

■ 0.0000, 0.0000,
0.0000

■ 47.0164, 40.9186,
26.8928

■ 47.0164, 40.9186,
26.8928

■ 43.0206, 35.1168,
18.8104

■ 51.7517, 47.6647,
36.8707

■ 39.7224, 30.2106,
12.4998

■ 57.2594, 55.3891,
48.8521

■ 37.0798, 26.1557,
7.8264

■ 63.5740, 64.1314,
62.9399

■ 35.0451, 22.9015,
4.6349

■ 70.7270, 73.9272,
79.2290

■ 33.5628, 20.3915,
2.7393

■ 78.7483, 84.8103,
97.8086

■ 32.7173, 18.8753,
1.9189

■ 85.1741, 94.9088,
108.4378

Harmonies

Analogous

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



50.0217, 40.9186, 37.8945



47.0164, 40.9186, 26.8928



41.9507, 40.9186, 21.4921

Triad

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



47.0164, 40.9186, 26.8928



29.6676, 40.9186, 36.5474



41.3954, 40.9186, 80.6584

Complementary

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



47.0164, 40.9186, 26.8928



44.4427, 53.0263, 79.8443

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.



35.9855, 40.9186, 80.0555



47.0164, 40.9186, 26.8928



29.5491, 40.9186, 51.9500

Square

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



47.0164, 40.9186, 26.8928



32.1022, 40.9186, 26.1065



31.7618, 40.9186, 68.6264



46.5772, 40.9186, 70.1199

Rectangle

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



47.0164, 40.9186, 26.8928



38.2540, 40.9186, 20.7733



31.7618, 40.9186, 68.6264



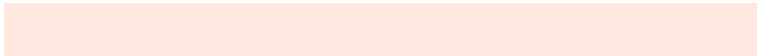
39.5368, 40.9186, 81.8151

Sweetspot

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



47.0174, 40.9206, 26.8936



82.6674, 83.0513, 80.6753



50.3597, 36.7534, 61.4621



17.2847, 17.2113, 16.3486



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.



47.0174, 40.9206, 26.8936



57.3943, 47.3871, 26.3716



56.2700, 59.4257, 29.9778



13.9754, 14.2368, 14.3182



18.7429, 10.9236, 1.1206



1.3685, 0.8959, 0.1008

Inverse Universe

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



44.4427, 53.0263, 79.8443



53.5664, 65.1492, 104.3595



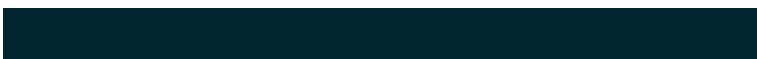
35.0324, 34.2057, 76.7075



13.8207, 14.9805, 17.5508



16.2661, 20.0017, 44.0518



1.1957, 1.5228, 3.0761

Previews

White Background



This preview shows how the XYZ color 47.0164, 40.9186, 26.8928 looks on a white background.

Color Contrast Check

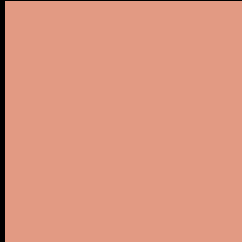
Large Text (above 18pt) WCAG AA × Fail

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 47.0164, 40.9186, 26.8928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

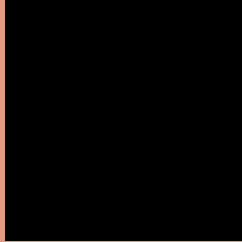
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0164, 40.9186, 26.8928

Background



This preview shows how black text looks on a background with the XYZ color 47.0164, 40.9186, 26.8928.



This preview shows how white text looks on a background with the XYZ color 47.0164, 40.9186,

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

47.0164, 40.9186, 26.8928

Protanopia

38.5145, 40.9350, 30.2974

Deuteranopia

41.7747, 41.0518, 26.4909



Tritanopia

49.6525, 41.0439, 39.0235

Trichromacy



Original Color

47.0164, 40.9186, 26.8928

Protanomaly

41.1878, 40.6936, 28.9764

Deuteranomaly

43.6381, 40.9503, 26.7233

Tritanomaly

48.5665, 40.8292, 34.1753

Monochromacy



Original Color

47.0164, 40.9186, 26.8928

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.5460, 40.9475, 38.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0164, 40.9186, 26.8928 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(226, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 131)  
}
```

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(226, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 131) }
```

Border

The CSS property to change the border of an element to XYZ 47.0164, 40.9186, 26.8928 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(226, 154, 131) }
```


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

```
.border{ border-color:rgb(226, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(226, 154,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0164, 40.9186, 26.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 131) }
```

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

```
.background{ background-color: rgb(226,  
154, 131) }
```

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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