

Converting Colors

XYZ(47.0078, 37.9258, 27.8205)

Have a look what the booklet for
XYZ(47.0078, 37.9258, 27.8205)
contains.

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Color

**XYZ(46.8530, 37.7879,
27.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	E78D87
RGB	231, 141, 135
RGB Percent	91%, 55%, 53%
CMY	0.0941, 0.4470, 0.4706
CMYK	0.00, 0.39, 0.42, 0.09
HSL	4°, 67%, 72%
HSV	4°, 42%, 91%
XYZ	46.8530, 37.7879, 27.7460
YIQ	167.2260, 55.5660, 17.2140

Conversions

Conversions Part 2

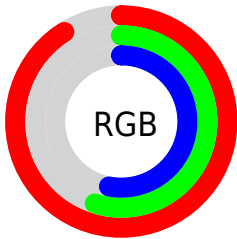
Format	Color
R _Y B	231, 141, 135
Decimal	15175047
CIE Lab	67.86, 33.49, 17.80
CIE LCh	68, 37.927, 27.983
Yxy	37.7879, 0.4169, 0.3362
Android (android.graphics.Color)	4293365127 (0xFFE78D87)
YUV	167.2260, -15.8874, 55.9298
Hunter-Lab	61.4719, 28.4745, 16.2691

Details

The XYZ color **46.8530, 37.7879, 27.7460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.3394, 64.7680, 85.3968**, and the grayscale version is **36.8977, 38.8193, 42.2742**.

A 20% lighter version of the original color is **70.0570, 64.3707, 56.3093**, and **22.4457, 16.6849, 10.6318** is the 20% darker color. If you saturate the color by 10%, you get **42.5128, 31.4340, 19.1270**, and if you desaturate by 10%, it is **52.1723, 45.5352, 38.4327**.

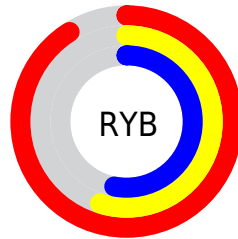
Distribution



Red (91%)

Green (55%)

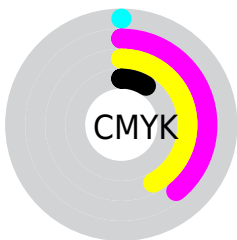
Blue (53%)



Red (91%)

Yellow (55%)

Blue (53%)

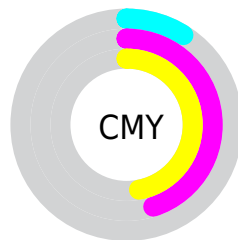


Cyan (0%)

Magenta (39%)

Yellow (42%)

Black (9%)



Cyan (9%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8530, 37.7879, 27.7460 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 46.8530, 37.7879, 27.7460 by changing the saturation by 10% instead.


 46.8530, 37.7879,
27.7460


 46.8530, 37.7879,
27.7460


364.8862,
336.7092, 305.1249


 33.1269, 25.8181,
17.8969


 84.7142, 71.7829,
57.0969

 22.3834, 16.6876,
10.7073


 109.5801, 94.5770,
77.4357

 14.2571, 10.0120,
5.7587


 138.8899,
121.7479, 102.1083

 8.3826, 5.4069,
2.6325

173.0091,
153.6800, 131.5330

 4.3946, 2.4879,
0.9092

212.3030,
190.7579, 166.1285

 1.9277, 0.8706,
0.0000

257.1369,

 0.5928, 0.0000,

233.3657, 206.3133

0.0000

307.8761,
281.8881, 252.5059

■ 0.0000, 0.0000,
0.0000

■ 46.8530, 37.7879,
27.7460

■ 46.8530, 37.7879,
27.7460

■ 42.5128, 31.4340,
19.1270

■ 52.1723, 45.5352,
38.4327

■ 39.0891, 26.3855,
12.4401

■ 58.5223, 54.7458,
51.3068

■ 36.5168, 22.5533,
7.5367

■ 65.9545, 65.4917,
66.4811

■ 34.7209, 19.8348,
4.2458

■ 74.5161, 77.8384,
84.0604

■ 33.6132, 18.1105,
2.3628

■ 84.2515, 91.8477,
104.1427

■ 33.1181, 17.3152,
1.5967

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



48.4402, 37.7879, 42.2944



46.8530, 37.7879, 27.7460



42.2493, 37.7879, 19.3455

Triad

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



46.8530, 37.7879, 27.7460



27.1583, 37.7879, 26.2561



35.5199, 37.7879, 82.7240

Complementary

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



46.8530, 37.7879, 27.7460



51.3394, 64.7680, 85.3968

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.



30.2500, 37.7879, 75.1544



46.8530, 37.7879, 27.7460



25.7616, 37.7879, 40.0158

Square

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



46.8530, 37.7879, 27.7460



30.8687, 37.7879, 18.6647



26.8295, 37.7879, 58.2826



41.4862, 37.7879, 76.8697

Rectangle

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



46.8530, 37.7879, 27.7460



38.3217, 37.7879, 16.9070



26.8295, 37.7879, 58.2826



33.6137, 37.7879, 81.6306

Sweetspot

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



46.8540, 37.7898, 27.7467



82.0307, 81.2273, 82.1607



55.3740, 39.8191, 76.8627



17.2815, 16.9867, 17.0201



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.



46.8540, 37.7898, 27.7467



53.8340, 40.2664, 25.1848



55.2688, 54.6194, 30.5517



14.4490, 14.5119, 14.9440



18.5966, 9.7674, 0.9051



1.3999, 0.7731, 0.0754

Inverse Universe

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



51.3394, 64.7680, 85.3968



60.1452, 78.3068, 106.5525



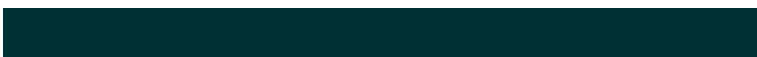
40.3759, 42.8411, 81.7423



14.7262, 16.1738, 18.4900



21.9662, 30.9944, 47.2080



1.6467, 2.3374, 3.4963

Previews

White Background



This preview shows how the XYZ color 46.8530, 37.7879, 27.7460 looks on a white background.

Color Contrast Check

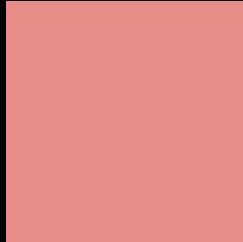
Large Text (above 18pt) WCAG AA × Fail

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 46.8530, 37.7879, 27.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

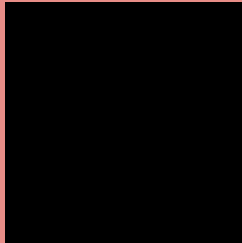
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8530, 37.7879, 27.7460

Background



This preview shows how black text looks on a background with the XYZ color 46.8530, 37.7879, 27.7460.



This preview shows how white text looks on a background with the XYZ color 46.8530, 37.7879,

27.7460.

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

46.8530, 37.7879, 27.7460

Protanopia

35.9552, 37.9011, 33.0244

Deuteranopia

38.5553, 37.7997, 27.0938



Tritanopia

47.9361, 37.7910, 33.2016

Trichromacy



Original Color

46.8530, 37.7879, 27.7460

Protanomaly

39.0945, 37.2294, 31.1121

Deuteranomaly

41.1940, 37.4153, 27.2410

Tritanomaly

47.6908, 37.9256, 31.1923

Monochromacy



Original Color

46.8530, 37.7879, 27.7460

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.3785, 37.7674, 36.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8530, 37.7879, 27.7460 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(231, 141, 135)` looks like.

```
.text, #text, p{  
    color:rgb(231, 141, 135)  
}
```

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(231, 141, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 141, 135) }
```

Border

The CSS property to change the border of an element to XYZ 46.8530, 37.7879, 27.7460 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(231, 141, 135) }
```


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

```
.border{ border-color:rgb(231, 141, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 141, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 141, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 141, 135);  
box-shadow:4px 4px 4px 4px rgb(231, 141,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8530, 37.7879, 27.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 141, 135) }
```

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

```
.background{ background-color: rgb(231,  
141, 135) }
```

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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